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PLANT EXHIBITION
AND INTRODUCTION

Rec'd MAR 21 1936

Approved



DAHLIAS
OF
QUALITY AND DISTINCTION

**DAHLIADEL
NURSERIES**

WARREN W. MAYTROT

VINELAND,
N.J.

1936

POTASH-FED
DAHLIAS



Forest Fire

FOREST FIRE (Dahliadel 86E), ID, 1935, Bloom 10 x 6, Bush 4½ ft. The most spectacular of any dahlia we have ever grown but does its best in cool weather. This year it did wonderful from the middle of September, giving us six weeks of real blooms. Forest Fire is distinct lemon yellow for about one-third the length of the petals, then shaded to rich scarlet toward the tips enhanced by clear yellow petaloids. This variety is a rather stocky grower but can be very nicely handled by following Drawing Y. This will keep the blooms sufficiently above the foliage under normal growing conditions. It will also stand partial shade and although a little longer coming into bloom the bushes are considerably taller, and the stems longer between nodes. Certified at Storrs, 1934, \$5.5 and also at East Lansing, we can recommend this novelty to you as one of the most distinctive dahlias introduced in years. It attracts plenty of attention wherever exhibited.

Roots, \$5.00; Plants, \$2.50



Potash-Fed Dahlias

Dahliadel was favored in 1935 with one of the best and longest growing seasons in years. The stock developed and ripened perfectly, incidentally producing a fine crop of well-developed seed. Therefore, POTASH-FED DAHLIAS are again in the lead, in wonderful condition, and waiting to fill your needs.

Many of our customers wait until late in the season to place their orders, which makes it very hard for us to make delivery on time, especially when you consider that we shipped over 8,000 root and plant orders last season. Won't you please co-operate by ordering as early as possible and avoid possible disappointment due to shortage of stock? This will make it possible for us to reserve your order and have it ready to ship whenever you specify. We will make any changes in your order which you may request before shipment is made, and be glad to co-operate with you by booking your orders early and rendering bill ten days before shipping at which time you may make payment. Of course, roots may be shipped C. O. D. if desired.

You will find this catalog classified to types with varieties of similar form under each illustration. The originator's and disseminator's name is given with the disseminator's name following when not introduced by the originator.

OUR NEW FEATURE

To simplify classification to size and use of the dahlia, we are scoring all varieties grown at Dahliadel Nurseries according to our new score card and using the letters S for small dahlias normally growing $3\frac{1}{2}$ " or less, classified as miniatures; C for commercial or medium size blooms growing normally from $3\frac{1}{2}$ to 7", and E for exhibition blooms of over 7". Therefore if a variety is useful as a commercial cut flower and also can be grown to large size for exhibition it will be scored twice for example, 84C, 86E, meaning that it is a very good cut flower but is still better for exhibition.

Commercial varieties growing under 7" are in most cases suitable for the florists and very desirable for basket work in dahlia shows and practically all varieties scored as C (for commercial) are suitable for exhibition in the medium or commercial class designated as Class B, in dahlia shows using the new A. D. S. Classification. E (exhibition varieties) designated as Class A, are winners on the exhibition table, having qualities that score high in competitive judging, size, form, stem and color predominating. We are eliminating G in designating the uses of varieties because all varieties listed are garden varieties, suitable for landscape work, either in borders, beds or mass planting. The size of bloom is indicated in inches and height of bush in feet.

Six pages in the center of this catalog are devoted to cultural instructions. However, there is something more essential and necessary than culture, and that is the stock you grow. Varieties which we have found particularly suited to sectional growing conditions are listed on page 36.

A number of varieties have been materially reduced in price this season. Dahlias are all so reasonably priced now that you will want more than one of a kind of your favorites. We therefore offer the following quantity discounts on roots and plants:

Three of any one variety—less 10%

Six of any one variety—less 20%

Ten of any one variety—less 25%

The above quantity discounts do not apply to Odd Lots, Special Offers, or Collections.

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22nd Edition



1936 INTRODUCTIONS

CACTUS and SEMI-CACTUS DAHLIAS



Ballego's Surprise



Pride of America

PRICE VS. QUALITY

There are dahlias offered at lower prices than ours and we realize it is a temptation to buy at as low a figure as possible, as you want to get as much as you can for your money; but to have 100% success, you must have the best stock that can be produced. Buying inferior stock at low cost is not an economical way to buy and seldom is the way to success.

BALLEGO'S SURPRISE (Ballego), **S-C**, 1936. This novelty is very easily described as a white Frau O. Bracht which should tell you sufficient. A dahlia of this type should be very desirable as a cut flower and for exhibition. It was selected for trial in England and has received a 1st class Certificate in Holland, besides many other awards. Certainly it is a welcome addition in this class. We are offering a few plants for those who want to try this variety the first year imported, as it has been so well recommended. **Plants, \$5.00**

CHALLENGER (Watkins-Chappaqua), **S-C**, 1936. A basket of this variety made an outstanding display in New York and proved its good keeping qualities as well as winning two firsts. Color is brilliant cardinal red with gold at the base of the petals showing golden petaloids later in the season. A good vigorous grower and surely a bright spot for any garden. **Roots, \$5.00; Plants, \$2.50**

GRETEL (Bauer), **St. C.** Best described as a larger and darker Miss Belgium. Color a bright henna. Fine for the exhibition table as it was outstanding at the Cleveland and New York shows. We believe this variety will be satisfactory in every way. **Plants, \$2.50**

MIRIAM HOPKINS (Cordes-Eastman), **S-C**, 1936, Bush 5 ft. A seedling of Amelia Earhart of about the same size which won first as the best individual bloom at the Los Angeles, California Show this year. Color salmon pink with a carmine suffusion and a real giant in size. A long petaled exhibition dahlia which is destined to become very popular this season. **Plants, \$5.00**

MISS GLORY (Ballay-Success), **S-C**, 1936. We expect this to be as popular in the yellow Semi-Cactus class as California Idol in the Decorative. It is soft apricot yellow. The petals are rolled and considerably incurved. Considered one of the outstanding dahlias at the Trial Grounds at Storrs this year where it certified with a score of 86, and it was a popular entrant in the New York Botanical Gardens. **Plants, \$7.50**

MRS. HERBERT O'CONOR (Berwick-Dahliadel 86E), **IC**, Bloom 9 x 5, Bush 5½ ft. The exceptional qualities especially for an Incurved Cactus dahlia, are long slender, yet erect stems, good size and an unusually bright color, which is soft rose pink deepening at center. Dark healthy open foliage and a profuse and continuous bloomer. Should do equally well both in the North and South. One of the best Incurved Cactus introductions in recent years and we predict it as a great winner in the show rooms. As the picture shows, late in the season, it is almost a Straight Cactus. Described as the best American Cactus novelty of the year. **Roots, \$10.00; Plants, \$5.00**

PRIDE OF AMERICA (American D. F. 85E), **S-C**, Bloom 9 x 6, Bush 5 ft. A true Semi-Cactus of fine, even form on strong, erect, yet not clumsy, stems.



1936 INTRODUCTIONS

CACTUS and SEMI-CACTUS DAHLIAS—Continued

Color, clear primrose yellow with a tinge of pink on reverse of petals. This variety was a very close runner-up to Milton J. Cross at Camden Show and would have been a worthy winner had its superior not been there. I believe this variety is going to make its mark in the show room especially in the Semi-Cactus classes as it is well proportioned and balanced in form, size and stem. Blooms open back almost to the stem. Foliage medium dark which makes the flower outstanding.

Roots, \$15.00; Plants, \$7.50

RED JUG (Preas-Ruschmohr), IC or S-C, 1935. Bloom $8\frac{1}{2} \times 5$, Bush 6 ft. This remarkable brilliant crimson or cardinal red dahlia with yellow tips has wonderful keeping qualities and cane stiff stems that hold the flowers perfectly facing. Foliage is insect-resistant. Won as the best undisseminated Semi-Cactus in Rockville Center and Valley Stream, N. Y. and Camden, N. J.; as well as the best undisseminated dahlia shipped over 500 miles by aeroplane in the Mid West Show at Cleveland. Certified at Storrs, 1935. Roots, \$10.00; Plants, \$5.00

TREASURE CHEST (Dahliadel 85C 85E), S. C. Bloom $8\frac{1}{2} \times 6$, Bush 4 ft. Called *Rainbow's End* early last fall. Too many of our new dahlias produce just a few exhibition blooms and some of these only toward the end of the season. Treasure Chest produces beautiful, perfectly formed blooms as early as any variety in our fields and flowers are still perfect at frost. The blooms grow in water and are better after two or three days inside, making it ideal as a cut flower, beautiful for baskets and all decorations. Soft golden yellow, lightly suffused coral red similar in color to a light Jane Cowl but richer tones. A very practical dahlia with long slender stems. Plants, \$5.00

VISITORS ALWAYS WELCOME AT DAHLIADEL

We are always glad that Dahliadel friends stop in on their way to the shore, New York, or Philadelphia. During September and up until frost, (late October), they enjoy seeing over forty acres in full bloom; and if, perchance, they come before the fields are in bloom, a trip through the cellars and greenhouses is instructive and interesting. If you plan to come to this section next fall, let us send you directions showing auto routes to Dahliadel.

Our Field Days are becoming more popular each year. The interest displayed in the dahlia as shown by these hundreds of visitors is more noticeable. We value the friendship of our customers and appreciate their encouraging letters, and are looking forward to Field Days again this next fall with even greater interest and enthusiasm. If you cannot visit us here, we shall be glad to meet you at any of the Fall Flower Shows where we exhibit or judge.



Mrs. Herbert O'Connor



Treasure Chest (Dahliadel)

This catalog goes into forty foreign countries, and we have shipped Potash-Fed Dahlias into nineteen of these where they have made a host of friends.

With the reduction of prices, we are continuing our Free Root Offer and unusual values in Collections. See pages 44 and 45.



1936 INTRODUCTIONS

FORMAL and INFORMAL DECORATIVE DAHLIAS



Charmer



Mid-West Champion

MID WEST CHAMPION (American D.F.), ID, 1936, Bloom 10 x 6, Bush 4 ft. Brilliant violet rose with yellow shadings at base of petals. According to Ridgeway's color chart this would be a Listeran Purple. Plant growth and stems are ideal with heavy insect-resistant foliage. Certified at East Lansing and Storrs, scoring 86 and 85 1/7E respectively. Roots, \$10.00; Plants, \$5.00

CHARMER (Lloyds D. G. 85E), ID, 1936, Bloom 10 x 6, Bush 5 1/2 ft. To those who grow Jane Cowl this variety is easily described as a yellow Jane Cowl with reservations. This variety has not so far shown a variation of color the way sports sometimes do but is a clear golden buff, lightly overlaid with an apricot yellow suffusion without any rose shading. It is hardly necessary to say that the bush growth, foliage, stems, etc., are very similar and fully equal to Jane Cowl while in color it should be heralded as a great improvement. Keeping qualities as a cut flower are exceptionally good. Were it not for the fact that Jane Cowl is still so popular and reasonable in price this variety would be an unusual sensation. Cert. at Storrs, '34.

Roots, \$10.00; Plants, \$5.00

CLARA CARDER (Kemp), ID, 1936, Bloom 10 x 5, Bush 4 1/2 ft. Very similar to Monmouth Champion in form except petals curl and twist more. Color a beautiful clear cyclamen pink. Profuse bloomer from early to frost. Bush growth spreading with fine stems. Winner undisseminated class Detroit, 1935.

Plants, \$5.00

COSSACK (Dahliadel, 85C), Bloom 7 x 5, Bush 5 ft. A fine commercial red that we have been using for a number of years. Good stems and centers full throughout the season. A beautiful deep cardinal that is almost the shade of Dwight W. Morrow. A favorite with the florists and fine root maker, hence the reasonable introductory price.

\$1.00

GOLDEN PRINCE (Weiss), ID, Bloom 10 x 5, Bush 5 ft. A strong grower and a real sensation coming to us from Australia. A seedling, we understand, of Jane Cowl. Can be grown over 12 inches. Color, a rich gold, blended peach, general effect being bronze with a gold center. A variety very highly recommended and we are therefore listing it for those who want something real in the new ones.

Plants, \$5.00

MARGRACE (Bissell 86E), ID, 1936, Bloom 10 x 5, Bush 5 ft. Won first in the Informal Decorative Seedling class at Cleveland Show as well as Sweepstakes for the best seedling. This dahlia is unusual in color and unique in form with good high centers. It is a bright scarlet with a tan reverse. The petals curl and twist showing the reverse. Really excellent stems, strong and heavy. Certified at Storrs and East Lansing.

Roots, \$10.00; Plants, \$5.00

MILTON J. CROSS (Pennypack Gardens, 86E), ID, 1936, Bloom 11 x 7, Bush 6 ft. An undefeated seedling in the Eastern shows and highest seedling award at the Pennsylvania Horticultural Society. Center of flower is a clear light lemon yellow shaded rose and coral on outer petals. Won three Achievement Medals, New York, Camden and Burholme. It is quite evident that this variety likes good culture or in other words it can take it, which is a quality quite necessary for a successful exhibition dahlia in the large bloom classes. This variety as exhibited was certainly outstanding. Not only large, but deep, and of a pleasing clean color. For those who want them big to exhibit we believe this variety will be more than interesting. Plants, \$7.50



1936 INTRODUCTIONS

FORMAL and INFORMAL DECORATIVE DAHLIAS—Cont'd

MRS. ALFRED T. BUNYARD (Badetty), FD, 1936.

A clear sulphur yellow of one tone throughout. Similar in form and a suitable companion for Jersey's Beauty. Medium dark foliage and good stems along with its wonderful keeping qualities will make it popular in the cut flower world.

Plants, \$2.50

ORCHID MOONLIGHT (Greenough-Ruschmohr), FD, 1936, Bloom 9 x 6, Bush 4½ ft. Perfect centers and good form of deep violet rose with a touch of rich yellow at the base of the petals. Splendid stems, a good grower with insect-resistant foliage. Certified at Storrs 1934 and won 1st as best Formal Decorative in New York Show as well as Rockville Center this season. Flowering habit prolific.

Roots, \$10.00; Plants, \$5.00

QUEEN CITY (Peck), FD, Bloom 6 x 4, Bush 3½ ft. This new cut flower variety without question is outstanding in color and is very attractive as displayed in Cleveland where it won as best Formal Decorative and best keeper. Won an Achievement Medal at Indiana State Show and one in Cincinnati. Scarlet pink or light cherry red.

Plants, \$7.50

RUDOLF'S GIANT (Rudolf), ID, 1936, Bloom 12 x 7, Bush 4½ ft. The flower, in addition to having size, has depth and the centers are tight and compact. It is a live buff with apricot and pink suffusions which gives a glowing effect. It holds full centers through the season, has good stems and excellent foliage. Certified at Storrs 1934. A real giant.

Plants, \$7.50

THE UNIVERSE (Dahliadel 85E), Bloom 10 x 5, Bush 3½ ft. An Informal Decorative seedling of The World but darker and richer in color without the silver shadings. In form the petals are more pointed and following its parent, the centers are always full throughout the season. Stems erect and bush growth good. This variety can be especially recommended where seasons are short, as it develops very quickly and blooms early.

Plants, \$5.00

WHITE ABUNDANCE (Ballego), ID, 1935, Bloom 10 in. This dahlia comes to us well recommended and with many awards to its credit. Especially noteworthy is the award of merit at Wisley, England, 1935. Flowers of beautiful waxy white are held well out of the foliage on strong, erect stems. Fine for cutting and exhibiting.

Plants, \$2.50

WHITE PROLIFIC (E. & M. Williams-Dahliadel 85C), FD, Bloom 6 x 4, Bush 4½ ft. There are very few whites which are satisfactory for the commercial grower but this one with notched petals has proved so good for us that we are introducing it at a reasonable price for those who need an all around white which is an early and continuous bloomer and has excellent stems. It should be topped twice and the centers will be perfect throughout the season.

Roots, \$2.00; Plants, \$1.00



The Universe



Minnora

MINNORA (Berwick-Dahliadel 85E), ID, 1936, Bloom 10 x 6, Bush 5 ft. This variety has not been entered in competition as far as we know. It is a very pleasing form and color with bush growth, stems and foliage ideal. In color it is a bright apricot suffused violet rose with a decided deep red suffusion on reverse of petals making an unusual but pleasing color combination different to other dahlias.

Roots, \$5.00; Plants, \$2.50



MINIATURE DAHLIAS for 1936

BUCKEYE BABY (Golden Rule D. F.), M FD, Bloom $2\frac{1}{2}$ ". This miniature is really small and dwarf in height with good stems. A gold buff lightly shaded red on the reverse. Good habits of growth. Won at Cincinnati. Plants, \$2.00

CERISE GEM (Fisher & Masson), M S-C. Bright cerise pink with gold at the base of the petals. A free bloomer with good stems. Well recommended. Received a Certificate of Merit at Storrs 1935. Plants, \$1.00

CHARD'S VANITY (Jarman), M C, Bloom $3\frac{1}{2}$ x 2. Fine bush growth and exceptionally long, erect stems. Then, of course, its beautiful, clear rose pink with the appropriate lighter shadings make this an outstanding and desirable variety. Plants, \$1.50

DOROTHY BRANT MILLER (Stevenson, S), M FD. An improvement over Little Jewel which should be very favorably accepted as Little Jewel will not bloom well in heavy soil. This variety is uniform in size and color and is surely outstanding in its blooming and keeping qualities. Plants, \$1.50

LITTLE DREAM (Bruidegom 85S), M C, Bush $3\frac{1}{2}$ ft. This variety was so outstanding and beautiful last season with its dense lacy foliage and beautiful flowers of real clear pink with pure white centers, that we really forgot to register the size of the blooms. It is such a perfect miniature, so evenly and artistically formed that it cannot be surpassed for a commercial, or on the show table in the Miniature Cactus Class. Plants, .75

ORCHID LADY (Groll 85S), M FD, Bloom $3\frac{1}{2}$ x $2\frac{1}{2}$, Bush 4 ft. This variety, like some of our own introductions, runs so close to four inches that it is almost too large for a miniature, especially on the exhibition table. For a garden dahlia it is always a mass of blooms and it is good for cutting and home decoration. Color, bright violet rose or light lilac. Certified at Storrs and East Lansing, 1935. Plants, \$1.00

PEACH BLUSH (Dahliadel 85S), M FD, Bloom 2 x $1\frac{1}{2}$, Bush 18 in. Beautiful uniform blooms of rose pink with yellow at the base of the petals. Perfect centers until frost and it blooms incessantly. Stems are fine, making it useful for arrangements as well as attractive in the garden. Plants, \$1.00

PINK DAISY (Dahliadel 85S), M P, Bloom 3 in., Bush $2\frac{1}{2}$ to 3 ft. One of the prettiest and most useful small dahlias. For landscape or hedge effect this variety cannot be surpassed. Bushes are very broad across with literally hundreds of blooms at one time and blooms incessantly whether seed pods are picked or not. For arrangements stems are slender, yet stiff, and needs no disbudding. Bright rose pink, shading lighter at center of flower. There are two or three rows of nearly straight petals around a well proportioned yellow center reminding one of a double pink daisy. Plants, \$1.00



ROSE BEAUTY



PINK DAISY



PEACH BLUSH

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DAHLIADEL TWINKLE (Dahliadel 85), Bloom 4 in., Bush 2½ ft. The sensational orchid flowering variety that caused more favorable comment than any other novelty at the shows. Not only did it stop the crowds but even the ardent lovers of the big ones paused in admiration. Blooms are not only perfect in form and graceful, but a beautiful combination of white suffused violet rose with distinct Tyrian rose mottlings on the reverse of the petals which roll forward and show on the face of the flower. Very striking in color effect for arrangements and useful as the flower has a light airy appearance both in color and form. Bush is rather dwarf, making it desirable in border planting.

Plants, \$1.00

+ + + + +

MINIATURE DAHLIAS for 1936

Continued

ROSE BEAUTY (Dahliadel 85S), M FD, Bloom 2½ x 2, Bush 2½ ft. A neat Miniature the form of Jersey's Beauty. However, the color is a soft peach with coral suffusion. The blooms are uniform and perfect, with centers full throughout the season. Stems are good which makes it ideal for cutting and useful for arrangements. Won first in the Pennsylvania Horticultural Society Miniature Seedling Class. As this variety is only two years old it has not been sent to any trial grounds and owing to lack of stock it is offered in Plants only at \$1.00.

some time and this seems to be the answer. Color, soft rose pink, inclined to violet rose, small, uniform in size and form of petals. Won 1st in the Seedling Class at Penn. Horticultural Society Show in Norristown, also at Camden and Cleveland Shows. Splendid growing habits.

Plants, \$1.00

DORIA (Australia), Bloom 1½ x 1¼, Bush 3 ft. A unique variety coming from Australia. Color, deep wine shaded darker at center. Stems are wiry and stiff holding the blooms on top of stem. Centers are unusually full. Very similar to Jack only smaller.

Plants, .50

POMPONS for 1936

BETTY ANNE (Pennypack Gdns.), Bloom 1½ x 1¼. We have been looking for a good pink Pompon for

ROSALIE (F. & M.) The Pompon dahlia is becoming more popular as a cut flower each year and a good white is always in demand. This variety is an ivory white with wiry, stiff stems, good foliage, and a profuse bloomer.

Plants, .50



STRAIGHT and INCURVED CACTUS DAHLIAS



Frau Ida Mansfield



Sport



Conservatrix

AMERICAN TRIUMPH (American D. F. 84E), Bloom 8 x 4, Bush 5 ft. Color, oriental or bright, clear red. Blooms, with high full centers, are held on long, straight stems. Petals are decidedly incurved when flower is fully developed. A good garden and exhibition flower, as it is an exceptionally good keeper. Susceptible to thrip and leaf-hopper injury. .50

BALLET GIRL (Boston 82E), Bloom 8 x 3½, Bush 4½ ft. Beautiful flowers of immense size. Color, orange, tipped white. Some flowers pure orange, with other variations on same bush. Early and free bloomer. .50

BERGER'S JEWELL (Berger 85E), 1935, Bloom 8 x 4, Bush 4½ ft. A cactus variety that is similar to Warren Church in color only brighter. A violet or lilac rose shading lighter at center. The bush growth and stems are very good. Flowers are fine for cutting or exhibiting and are early coming in to bloom. Plants, \$2.50

CONSERVATRIX (Bruidegom 85E), Bloom 8 x 3½, Bush 4½ ft. One of the most artistic of the Incurved Cactus dahlias. Stems long and erect. Keeps as well when cut as the best of the Decoratives. An early, free bloomer of good size and beautiful form. Color, bright geranium red. Bush and foliage very satisfactory, but not a heavy root maker. Plants, .50

FRAU IDA MANSFIELD (Schone 85C 86E), Bloom 7 x 4, Bush 4½ ft. One of the most striking and admired dahlias in our Trial Gardens. Color is clear, pale lemon. The revolute petals are cleft giving the effect of having double the number of normal petals and making a very full and attractive flower. An early and profuse bloomer and a variety we heartily recommend. Roots, \$1.00; Plants, .50

F. W. FELLOWS (Stredwick 84E), Bloom 8 x 3½, Bush 5½ ft. Still a favorite on the exhibition table. Flowers are of an ideal Cactus form. Color, lively orange scarlet. Roots, .75; Plants, .50

KAREOL (Carlee 84E), Bloom 6 x 2½, Bush 4 ft. Incurved Cactus dahlias on long, erect stems are rare. This variety not only qualifies as to stem but is decidedly Incurved and a pleasing combination of maize yellow suffused and tipped carmine, shaded old rose. Comes into bloom very early. Roots, .75; Plants, .50

LILAC GLORY (Ballego 85C 85E), Bloom 6 x 2½, Bush 4½ ft. One of the prettiest Cactus dahlias we know of. Color, soft violet rose with silver shadings. Stems are slender but strong and erect, making it ideal for baskets and arrangements. Blooms early and continuously. The more you cut the more it produces. Roots, .75; Plants, .50

PINK SPIRAL (Bruidegom 85C), 1935, Bloom 8 x 4, Bush 4½ ft. A dainty attractive color combination of peach blossom pink with a yellow center that is very pleasing. Bush grows well and stems are excellent. Blooms very artistic in form similar to the illustration of Conservatrix. Plants, \$2.50

RHEINISCHER FROHSINN (G. & K. 83E), Bloom 5 x 3, Bush 4½ ft. A brilliantly colored Cactus of white heavily suffused and shaded Tyrian rose. One of the most distinct and striking of the old varieties. Very free blooming. Roots, .50; Plants, .50

SPORT (Dahlia del 84E), Bloom 8 x 3½, Bush 5½ ft. Although a sport of F. W. Fellows with all its merits, it has never reverted to its parent. Deep buttercup yellow with buff shadings at center. Fine for exhibition, and a favorite in the garden. Plants, .50



STRAIGHT CACTUS DAHLIAS

AMBASSADOR (Broomall 85E), Bloom 8 x 4, Bush 5 ft. This fine flower is still very popular in the Straight Cactus Class at the dahlia shows. Color, soft yellow buff, shaded salmon pink. Well-formed flowers, held erect above the foliage. Bushes branch readily and produce fine exhibition blooms.

Roots, .50; Plants, .50

CALIFORNIA BEAUTY (Broomall 81C), Bloom 7 x 3½, Bush 4½ ft. A pure copper in color. We have found this variety to be one of the best keepers as a cut flower, and we have never had enough for the market. Bush growth and stem excellent.

Roots, .50; Plants, .50

ELLA MAY (Prentice-Dahliadel 85E), Bloom 7 x 5, Bush 5 ft. This dahlia offers you a good Cactus dahlia with a real good stem, although at times it is an Incurved Cactus. Flowers are large and deep, with full centers, suitable for exhibition or landscape work. Color, deep crimson carmine, dark, yet rich and distinctive. Bush is a good grower. .50

GOLDEN STANDARD (Downs 85E), 1935, Bloom 9 x 5, Bush 4½ ft. We admired this dahlia when it won in the seedling class in Camden in 1933, as it is a warm buff shaded amber and gold. Very pleasing in form with full centers and evenly arranged petals. Bush is a good, open grower. Stem holds flower facing at right angles, which shows up well in the garden or when exhibited, although not easy to pack. Won as the best undissected Cactus in New York 1934, and also won the President's Cup over all types in the undissected classes.

Roots, \$5.00; Plants, \$2.50

JERSEY'S DAINTY (Waite 85E), Bloom 7 x 3, Bush 5 ft. A dahlia that will not only win on the exhibition table but is good for cutting. It is truly dainty in color, white faintly tinged lavender, almost pure white late in the season. A prolific bloomer with long, straight stems. Foliage dark and healthy. Popular with the florists.

Roots, \$2.50; Plants, \$1.25

JUGENDPRACHT (Wolf 84C 85E), Bloom 7 x 4, Bush 3½ ft. A glorified Golden Sonne of about the same form and size, of a more pronounced coloring which is a clear yellow, suffused salmon rose, making it very effective for many practical uses, especially when cut.

Roots, .75; Plants, .50

MISS BELGIUM (Nagels 84C), Bloom 6 x 4, Bush 4½ ft. Blooms early and continuous on long wiry stems. Keeps well and is very useful for small baskets and arrangements as it is airy in form and popular in color which is an even shade of bright orange. Very effective with other garden flowers.

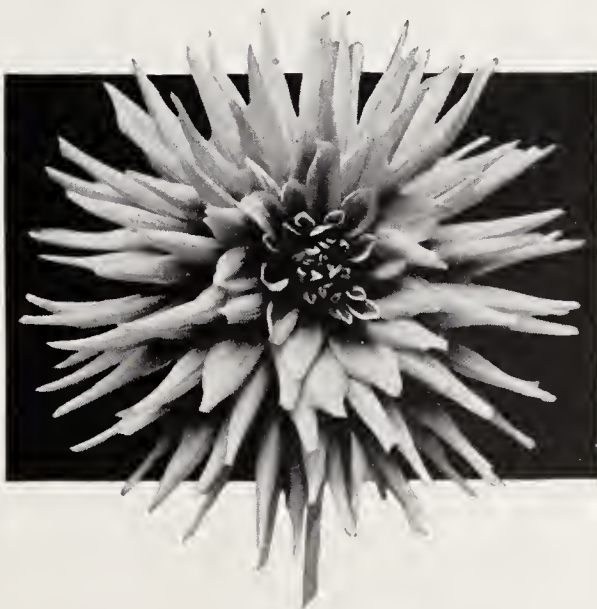
Plants, .50

MRS. BRUCE COLLINS (Groll-Dahliadel 84C 85E), 1935, Bloom 9 x 4, Bush 4 ft. We have received a number of favorable reports from the North to the South such as "most beautiful," "exceptionally good grower," etc. We have learned that it is an exceptionally early bloomer and will often bloom before it has had time to make a bush. Therefore, side pruning is advisable in the early season to start the bush. It is a primrose or light lemon yellow shading lighter toward the tips but of sufficient depth to show yellow under artificial light. The low growing bushes are fairly covered with blooms of exhibition size. Fine stems and a continuous bloomer.

Roots, \$5.00; Plants \$2.50



Golden Standard



Golden Sonne

GOLDEN SONNE (De Wilde 84C 85E), Bloom 7 x 4, Bush 3 ft. This variety is one of the best yellow commercial Cactus dahlias grown. It not only gives you a quantity of early blooms suitable for most any use, but continues throughout the season. Flowers are of medium size on excellent stems and keep wonderfully well. Color, clear golden yellow, shading to soft salmon rose on the outside petals.

Roots, .50; Plants, .50

WARREN CHURCH (85E), Bloom 8 x 4, Bush 5 ft. A sport of Ambassador which is decidedly different in color while in form and bush growth it is identical. The color is soft violet rose shading to white at the center. A fine exhibition variety and a welcome color in the Cactus class.

Roots, \$1.50; Plants, .75



SEMI-CACTUS DAHLIAS

give you the satisfaction it has given us. As additional reports of the good behavior of this dahlia come in to us from all over the country, we find it is a much greater dahlia than we realized when it was introduced.

Roots, \$1.50; Plants, .75

ALICE WHITTIER (Success 81E), Bloom 10 x 5, Bush 6 ft. Color, primrose yellow. An old variety that is still popular. A good grower on reasonably good stems.

.50

CARLA (Dahliadel 83C), 1934, Bloom 4½ x 2, Bush 4 ft. Color is buff, heavily shaded old rose and suffused violet rose, a rich contrast to the dark green foliage. The bush growth is compact, making a beautiful background for the perfectly formed flowers with full centers. Blooms seem to jet out all over the plant. Ideal in the garden and for arrangements. Will grow 5 to 6 inches if disbudded.

Roots, \$1.00; Plants, .50

DAISY TURNQUIST (Hulin 83C), 1935, Bloom 8 x 3, Bush 6½ ft. An attractive addition to our vast dahlia family, distinctive in form and pleasing in color, which is between a violet rose and rose pink with a yellow shading at base of petals. This is a good keeper on stems long and erect. Certified at Storrs, 1934, scoring 85C. Roots, \$3.50; Plants, \$2.00

FRAU O. BRACHT (Berger 84C 86E), Bloom 9 x 4½, Bush 5 ft. This fine dahlia has made a host of friends in this country. It is a wonderful cut flower as well as a great prize winner, keeping well and holding blooms on fine stems. A clean-cut, straight-petaled Semi-Cactus, at least it is classified as such, although at times the majority of petals revolute for more than half their length and allow it to qualify as a Cactus. Color, a clear, light primrose yellow. A. D. S. Cert. It is just about the prettiest yellow Cactus or Semi-Cactus dahlia you can wish for.

Roots, \$1.50; Plants, .75

GOOD WILL (Nuneviller 83E), Bloom 10 x 5, Bush 4½ ft. Large attractive blooms of violet rose with bright rose shadings. The center is shaded sulphury yellow. A tall open growing variety with strong, slender stems. Good stock is still scarce, but it should become very popular in the garden and on the exhibition table for its size and dainty coloring.

Roots, \$3.00; Plants, \$1.50

JEAN TRIMBEE (Trimbee 85E), Bloom 10 x 5, Bush 5 ft. Massive yet artistic with long, revolute petals that eurl and twist. The color is a beautiful petunia violet making it popular as an exhibition dahlia. A tall, vigorous grower with long, erect stems.

Roots, \$1.50; Plants, .75

KARL BONAWITZ (Dahliadel 86E), Bloom 8 x 5, Bush 5½ ft. The ability of this dahlia to withstand varied climatic conditions throughout the country has won it many friends as well as many prizes. The brilliant, velvety earmine flowers are artistic and graceful in form. Although dark in color for a commercial cut flower, it is a wonderful keeper and arranges well with lighter dahlias. It comes the nearest to developing a perfect bush without topping or disbudding of any dahlia we



PAUL PFITZER



AIKO

AIKO (Dahliadel 85E), Bloom 10 x 4½, Bush 4½ ft. A most spectacular dahlia. Cardinal or deep earmine, with a silver reverse showing at the center and tips, making it unusual. Bushes are strong, open growers. Reacts wonderfully well in heavy soil. This dahlia occasionally throws a flower off-form, which is easily forgotten in comparison to the number of perfect blooms, and we believe it will



SEMI-CACTUS DAHLIAS—Cont'd

know, as it just naturally branches and produces perfect and uniform blooms on long, erect stems. It responds, however, to disbudding (either Drawing X or Z) and will give you stems up to 4 feet in length. **Roots, \$1.00; Plants, .50**

KAY FRANCIS (Cordes-Eastman 85E), 1935, Bloom $8\frac{1}{2} \times 5$, Bush $5\frac{1}{2}$ ft. The beautiful deep flowers with high full centers and numerous petals are soft lemon yellow, slightly deeper than Frau O. Bracht. It is a tall rugged grower with sturdy stems, and good branching habits but needs disbudding to produce exhibition blooms. **Roots, \$5.00; Plants \$2.50**

MARIANNA (E. & M. Williams), Bloom $8\frac{1}{2} \times 3$, Bush 6 ft. A dahlia of rare beauty. Color a beautiful amaranth pink with a silvery sheen. Blooms are held well above the foliage on the best of stems. A thrifty grower producing tall healthy plants and plenty of blooms. Certified at Storrs, 1932, scoring 86-3/5. Was granted planting in the Royal Horticultural Grounds, Wisley, England, and a certificate at Haarlem, Holland, 1935. **Roots, \$3.00; Plants, \$1.50**

MINNIE EASTMAN (Eastman 83E), Bloom 8×4 , Bush 6 ft. Bright flame color with undershadtngs of deep yellow. Stems long and erect. Bushes are tall with natural branching habits. Foliage smooth and glossy. A profuse bloomer. **Plants, .50**

ORIENTAL BEAUTY (Barker 85E), Bloom 7×4 , Bush 6 ft. The color is clear, bright violet rose. Petals gracefully curl and twist, making a very artistic and useful flower. Strong, rugged bushes. Good for the exhibition table. **Plants, .50**

PAUL PFITZER (Berger 85C 86E), Bloom 8×4 , Bush 4 ft. A German novelty that has won a name for itself in arrangement classes, baskets, and for general florists' use. It is a pleasing combination of sulphur yellow and lilac rose that blends wonderfully well with Frau O. Bracht, and a basket of these two varieties is about the loveliest one could ask for. Strong, vigorous plants with dark foliage and excellent stems. A wonderful cut flower. **Roots, \$2.00; Plants, \$1.00**

RUDY VALLEE (Broomall-Success 84E), Bloom 11×6 , Bush 5 ft. Really spectacular. It has size, beauty, keeping qualities and is very attractive. Flowers are full-centered and are held well above the clean-cut foliage, on long, straight stems. Growth vigorous. A dahlia that you should have. A. D. S. Cert. Color, reddish apricot, gold center. **Roots, \$1.00; Plants, .50**

SATAN (Ballay-Success 85E), Bloom 10×4 , Bush 6 ft. Color, scarlet with yellow on reverse of petals showing at the center as petals unfold. Stems are very long and may need some support in wet weather. Very showy in the garden. Bushes tall and rugged. Flowers are uniformly large and of regular formation, keeping well when cut. Certified at Storrs. **Roots, \$2.00; Plants, \$1.00**



Miss Elsie Jane

MISS ELSIE JANE (Dahliadel 85C 87E), 1934, Bloom 6×4 , Bush 5 ft. This variety is continuing to win on the exhibition table, especially in the basket and arrangement classes as it is just about the most artistically formed dahlia we have ever seen. In color, too, it is unique, being a shrimp pink with cream shadtngs at center and tipped violet rose, a fine and useful color combination. Blooms are uniform and by disbudding can easily be produced 6×4 inches in quantities from early until the end of the season. Certified at Storrs, 1934. We heartily recommend it for sheer beauty, floriferousness, long wiry stems, and usefulness. **Roots, \$3.00; Plants, \$1.50**

CORALLINA (Bruidegom 85E), Bloom 10×4 , Bush $4\frac{1}{2}$ ft. Rather unusual in coloring, a soft crimson carmine with reverse of petals Tyrian rose. To add to its attractiveness the petals curl and twist. Stems and bush growth are strong and healthy. A very worthy variety for your garden. **Plants, \$1.50**

ROYAL DUTCH (84E), Flowers are large of artistic formation, not curled and twisted quite as much as Miss Elsie Jane. Color, golden bronze suffused with carmine rose. A good healthy grower with strong, stiff stems and a free bloomer. **Plants, \$1.50**



Dorcas Ann



DAHLIADEL NURSERIES

SEMI-CACTUS DAHLIAS—Cont'd

DORCAS ANN (E. & M. Williams-Dahliadel 85C 84E), 1935, Bloom 7 x 5, Bush 4½ ft. Not one of those massive exhibition varieties but a dahlia you will enjoy for its sheer beauty rather than size. This dahlia is adapted to home decorations, general florists' use, basket and arrangement classes in the show room, as it is a beautiful rose pink shading to creamy white at center. Bush, healthy and robust, stems always erect and flowering habits are ideal. A good propagator and root maker. Certified at Storrs, Conn., 1933.

Roots, \$5.00; Plants, \$2.50

AMELIA EARHART (Cordes-Eastman 86E), Bloom 12 x 6, Bush 4 ft. Although this variety has been temperamental for some, we have stock which should be satisfactory. Color is apricot buff with salmon tints shading to soft yellow at base of petals. One might picture it as an improved Edna Ferber of larger size, better stems, and with more gold and less rose shadings. Roots, \$5.00; Plants, \$2.50

EDNA FERBER (F. & M. 85E), Bloom 9 x 4, Bush 5 ft. The size and beauty of this flower still attracts much attention. The petals are curled and twisted, forming an extremely full flower. Color, glistening coral, shading to old gold at base of petals. A good strong grower, with dark green foliage. Roots, .75; Plants, .50

GOLDEN AGE (Bruidegom 82E), 1935, Bloom 8 x 4, Bush 5 ft. This variety will be very useful for decorative purposes and may be grown to enter under the 7 inch class. Useful for basket work. Color, golden amber shaded orange. Stem, bush and foliage very good. Won for best Dutch novelty of 1934. Plants, \$2.50

JESSICA DRAGONETTE (Jones-Alling 86E), 1935, Bloom 12 x 6, Bush 5 ft. A 1935 introduction that has not been appreciated as it was one of the best and grown very little. This dahlia not only is an exceptionally healthy grower but produces an abundance of wonderful exhibition blooms on real stems. They keep either on the bush or when cut. Color can be described as a buff apricot suffused peach and mauve. A very pretty combination and should have its share of winnings in the show room. Large flowers of perfect form with beautifully pointed petals. Plants, \$2.50

MARIAN BROOMALL (Broomall 82E), Bloom 10 x 4½, Bush 5½ ft. A truly beautiful dahlia. Color, clear violet rose, shading lighter at tips, with white center. Bush growth and stems very good. A dahlia you will like. Plants, .50

MARIPOSA (Boston 79E), Bloom 8 x 4, Bush 6 ft. This popular old variety is of good form, with incurved petals. A beautiful pink, shading darker at the center with a violet suffusion, which adds to the effect. A sturdy grower. Roots, .50; Plants, .50

PANHANDLE PINK (Linduff 85C), Bloom 7 x 3, Bush 4½ ft. A good cut flower especially if quantity of blooms and long straight wiry stems are considered. Color a deep rose pink with lighter shadings, center amaranth pink. One of the earliest to bloom with full centers throughout the season. Roots, \$2.00; Plants, \$1.00

SISKIYOU (Broomall 80E), Bloom 10 x 3, Bush 3½ ft. Here we have the dahlia that has won in the largest bloom class repeatedly, but on diameter, not considering depth. Flowers held erect on long, strong stems. Color, pink tinted mauve. Petals rather blunt and flat. .50

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BALTIMORE DAHLIA SHOW

The Baltimore Dahlia Society held an unusual show, filling the hall of the Odd Fellows Temple with Amateur Exhibits of wonderful quality blooms in great profusion. The types were especially well represented with Pompons well selected as usual.

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MID-WEST DAHLIA SHOW

The second annual Mid-West Dahlia Show held at the Elysium in Cleveland last September was very interesting, especially to one from the East who had the pleasure of visiting and judging. There were a number of very good medium sized Commercial Displays denoting a large number of commercial growers within driving distance of Cleveland. Foreign novelties were quite in evidence. The show in general was very good, especially the Undisseminated Seedling Classes. The show was well staged, ably managed and the attendance proved its success.



SEMI-CACTUS or INFORMAL DECORATIVE DAHLIAS

COLOR SERGEANT (Hall 85C 84E), Bloom 10 x 4, Bush 5 ft. This striking variety is useful as a cut flower, for landscape effect, and on the exhibition table. Color is unusual, being a rich, deep salmon bronze of one shade. A strong, upright grower with perfect stems. .50

EMMA MARIE (DahliaDel 83C 81E), Bloom 7½ x 3, Bush 6 ft. A favorite because of its pleasing shade of clear pink with a creamy white center and its commercial qualities. It is a robust grower, producing deep, full-centered blooms on three ft. stems in ordinary field culture by disbudding. .35

GOV. MORGAN F. LARSON (Hall 83E), Bloom 9 x 4, Bush 6 ft. A very pleasing and attractive dahlia; not over robust. Can be grown satisfactorily by those giving their dahlias good culture. Color, clear golden yellow with slight apricot blush on reverse. .50

GRACE CURLING (Stredwick 84C 83E), Bloom 8 x 3, Bush 4½ ft. A charming flower of bright lilac with a trace of white at the base of petals, which are cleft, adding interest to the form. It is suitable for exhibiting, especially in basket arrangements, and is attractive in the garden. Roots, .75; Plants, .50

JOSEPHINE G. (Grosscross 82C 85E), Bloom 8 x 4, Bush 4½ ft. Color is a very pleasing true rose pink of a bright shade, some petals tipped yellow. It makes a wonderful, sturdy bush, with flowers held well above the dense foliage. It is a prolific bloomer, and yet the flowers are of exhibition quality at the same time. It is a Semi-Cactus early and Informal Decorative at the end of the season. A. D. S. Cert. Roots, .50; Plants, .50

MABEL S. DOUGLASS (Thompson 82E), Bloom 10 x 4, Bush 5½ ft. This dahlia is of artistic formation with long, curled, pointed petals. In color it is a beautiful pastel lavender. We believe this dahlia will do well in heavy soil. It needs staking and can be disbudded according to Drawing X or Z. Roots, .75; Plants, .50

PALO ALTO (Ballay-Success 85E), Bloom 10 x 6, Bush 6 ft. Clear, soft apricot buff suffused coral red. Stems tall and straight. Flowers are of good substance with uniform, full centers. It won the Achievement Medal in Detroit as the finest bloom in the show with Robert Emmet second, and they were so close it was almost a toss-up. Certified at Storrs. A variety we can highly recommend. Roots, \$3.00; Plants, \$1.50

STAR OF BETHLEHEM (Nolet 84E), Bloom 8 x 4, Bush 4 ft. Inclined to the Semi-Cactus type with a high, full center. Pure white with numerous pointed petals. The dense, dark green foliage makes a beautiful plant and sets off the lovely, white blossoms, enhancing their waxy appearance. Plants, .75



Josephine G.



Jim Moore

JIM MOORE (Lolle 83E), Bloom 10 x 4, Bush 4½ ft. A dahlia worthy of space in anyone's garden. It is distinctive in form and color. The petals are long and regular, rolling back at tips, while the color is a primrose yellow shaded gold and suffused salmon. A good healthy grower.

Roots, .50; Plants, .50



SEMI-CACTUS or INFORMAL DECORATIVE DAHLIAS—Cont'd



Lincoln G. Dickey



Fort Monmouth



Alice in Wonderland

ALICE IN WONDERLAND (Dahliadel 85E), 1934, Bloom 9 x 6. Bush 5 ft. First of all, this dahlia is a most beautiful shade of soft salmon, petals delicately edged bright rose. This picture can give you only an idea of the distinct new form with the full high center and long, pointed petals that curve backward to the stem adding to its depth. Good habits of growth, but is at its best in cool weather. We believe this dahlia is destined to become as popular as its name. **Roots, \$2.00; Plants, \$1.00**

ANDREA ERICSON (F. & M. 85E), Bloom 9 x 4, Bush 4½ ft. The easiest way to describe this dahlia is to call it a white Fort Monmouth. It is somewhat heavier in petal formation, but very pleasing in form. Held on excellent stems, it is very successful in the white class on the show table. In hot weather, however, this dahlia needs partial shading to be grown to exhibition perfection. **Roots, \$1.00; Plants, .50**

DOKOUPIL'S TRIUMPH (Dokoupil 82E), Bloom 12 x 4, Bush 4½ ft. A dahlia that is different in color to any of our giant dahlias as it is a light straw color, shaded or suffused light violet at the center and on the reverse of petals. A neutral combination suitable for use with other flowers, but its size is its main quality. It is somewhat irregular in formation but massive. Stems are very good and bush in general very satisfactory. It should be topped twice to eliminate green centers. **Roots, \$2.50; Plants, \$1.25**

EARLY YELLOW, Bloom 4½ x 2, Bush 4½ ft. A good cutting variety of bright lemon yellow of artistic formation, lending itself well for table and small decorations or as a filler with larger flowers. Very prolific, with good, long, slender but stiff stems. **.35**

FORT MONMOUTH (Kemp 85E), Bloom 11 x 4, Bush 6½ ft. The predominating color is rich claret with brightness unusual in darker tones. Flowers are full-centered and well formed, borne on long, stiff stems high above the foliage. A very prolific grower and bloomer. Still a winner on the show table and fine for cutting. **Roots, .50; Plants, .50**

LINCOLN G. DICKEY (Dahliadel 84E), Bloom 9½ x 5, Bush 3½ ft. Color, primrose yellow with a decided rose suffusion. One of the earliest to bloom. The growing habits are ideal, making this dahlia very satisfactory. **.50**

MASTODON (Stredwick), Bloom 10 x 4, Bush 4 ft. Very similar in form to Lincoln G. Dickey, but the petals curl even more and are more numerous. Bush healthy and stems strong and erect. Color, rich amber or apricot. **Plants, \$1.50**

NEW GLORY (Trostle 82E), Bloom 7 x 3, Bush 5 ft. A striking combination of purple garnet tipped white and a popular winner in the bi-color class. Bushes are strong and healthy and stems erect. **Plants, .50**

WHITE WONDER (Black-Kemp 84E), Bloom 10 x 6, Bush 5½ ft. The giant blooms are pure white with long, pointed, twisted, and curled petals, giving the flower a light, fluffy appearance. This dahlia comes to us as a cross of Fort Monmouth and Ida Perkins. The bush is a strong, vigorous grower, branching from the ground. Stems long and stiff. Foliage thick and leathery. It is a very good root-maker and well worth your trial. **Roots, \$1.50; Plants, .75**



INFORMAL DECORATIVE DAHLIAS

ALICE STELLICK (Rindfleisch 82E), Bloom 8 x 5, Bush 6 ft. A bright crimson carmine with a distinct white stripe in the center of each petal, with occasional blooms self colored. The petals curl and twist. Overfeeding or hot weather will produce weak stems at times on this variety.

Roots, .75; Plants, .50

ARELDA LLOYD (Smith 85C 86E), 1934, Bloom 10 x 6, Bush 5½ ft. A high score at Storrs of 87 in 1933 and also the outstanding dahlia in the Trial Grounds for that year. Color, a clear lemon yellow with very light rose suffusion on ends of petals with a clear yellow center, or best described as a yellow Jane Cowl, as form and bush are almost identical.

Roots, \$4.00; Plants, \$2.00

BAGDAD (Redfern 84E), Bloom 10 x 4, Bush 6 ft. This dahlia has been very satisfactory for us. It is a beautiful, brilliant scarlet flame of wonderful size. Good bush growth and a good bloomer. The long stems hold blooms high above the bush. A prize winner.

.50

CONGRESSMAN WOLVERTON (Peacock 83C), Bloom 7 x 4, Bush 5 ft. This dahlia has a full high center which starts to open yellow and then develops a rose suffusion as the flower opens. A good strong grower.

.50

CREAM OF THE GARDEN (Kemp 82E), Bloom 8 x 3, Bush 6 ft. A very dainty, sulphury white, faintly suffused lilac. Flowers are of good size, held high above the foliage on long, stiff stems, and are produced in profusion on strong bushes. A late bloomer.

.50

DOROTHY DUKE (Duke-Dahliadel 84C), 1935, Bloom 6 x 3, Bush 5 ft. We find this dahlia very popular in the New York and Philadelphia cut flower markets, especially for funeral work and all other uses where a clear, light violet rose or orchid shade is required. One of the best keepers and easy to pack. Stems are stiff and slender, centers always full and blooms incessantly. A strong grower, producing large bushes.

\$1.00

ELINOR M. RADELL (Felsinger 84C 85E), Bloom 8 x 4, Bush 5½ ft. The blooms, of good substance, are violet rose with a darker reverse and golden shadings toward base of petals. Certified at Storrs. It is truly outstanding because of its strong, rugged growth which withstands adverse growing conditions. It qualified equally well in color, stem, form, and size and is prolific in its flowering habits. Very satisfactory for us.

Roots, \$2.00; Plants, \$1.00

FORDHOOK EMPEROR (Burpee 82E), Bloom 9 x 4, Bush 3½ ft. A glorious blending of rich salmon and rose, making a general effect of apricot. The healthy foliage, good substance of the bloom and the fine growing habits of this dahlia will make it a splendid addition to your garden, especially for low landscape effects.

.35



Ray Warner

RAY WARNER (Peacock 85C 85E), Bloom 8 x 5, Bush 4 ft. Can you imagine an Informal Decorative with long, pointed and twisted petals, on good stems, with low-branching bushes that need very little tying up, in a pink at least two shades brighter than Jersey's Beauty? Centers always full, very early to bloom and a mass of color when not disbudded. Is a favorite. Not a very good root maker.

Roots, \$2.00; Plants, \$1.00

JANE COWL (Downs 84C 86E), Bloom 10 x 6, Bush 5½ ft. This wonderful dahlia has been a success wherever grown. Color, a warm buff and old gold, blending to apricot and rose at the center. Bush growth is ideal with strong stems holding the giant flowers upright. A dahlia that is sure to please you, for it is large and impressive. A. D. S. Certificate.

Roots, .50; Plants, .50

KENTUCKY RED (White 83E), Bloom 10 x 4, Bush 5 ft. One of the brightest reds, a flaming scarlet that will stand considerable sunshine without fading. Flowers are uniform and bush growth healthy with attractive foliage.

Roots, \$1.00; Plants, .50

LADY LYNDORA (Hall 82E), Bloom 9 x 4, Bush 3½ ft. This lovely dahlia is especially good in the pink class. A pure pastel pink, with size and stem to carry it through. Bush growth semi-dwarf, with exceptionally free blooming habits.

.50

ROYAL WHITE (Bruidegom 83E), Bloom 8 x 4, Bush 5 ft. A pure white dahlia which withstands the heat of the sun without burning. A strong grower with insect-resistant foliage. Good stems.

Roots, \$1.00; Plants, .50

SHAHRAZAD (Newson 84E), Bloom 9 x 4, Bush 6 ft. Flowers are massive with large, pointed, but rather coarse petals which curl and twist in an attractive manner. Color may be described as soft Tyrian rose, or according to Ridgeway's chart, is rose color. Bushes and stems are exceptionally strong.

Roots, \$1.00; Plants, .50



INFORMAL DECORATIVE DAHLIAS —Continued

AMERICAN LEGION (American D. F. 85E), Bloom 10 x 6, Bush 5½ ft. After careful selection of stock for a number of years this variety is doing so well in our fields that we are now offering it for those who have admired this dahlia in the past as we have and have been unable to grow it. Color, clear yellow. A flower that reminds you somewhat of Aztec Glory with better centers and on longer stems.

Roots, \$2.00; Plants, \$1.00

CALIFORNIA IDOL (Ballay-Success), Bloom 12 x 7, Bush 4½ ft. Clear lemon yellow. This dahlia is comparable to Lord of Autumn, not as Informal but producing more blooms usually facing upwards. It is very deep with full high centers. This variety has made a good record for itself in a number of sections the past season. We are therefore offering it in Plants, \$5.00

CALIFORNIA ROSE (Ballay-Success 80E), 1935, Bloom 10 x 5, Bush 5½ ft. This makes one think of Mrs. I. de Ver Warner except the petals twist some and are more pointed. Color is brighter with more pink and less of the mauve. Described as a deep rose pink. Flowers deeper and centers full and high. Stems were not very good with us after the middle of season which brings the score down. Certified at Storrs '34.

Roots, \$7.50; Plants, \$3.75

CLARA BARTON (Salem D. G. 85E), 1934, Bloom 10 x 5, Bush 5 ft. An immense bloom which faces slightly upward on long, straight stems. The face of the petals is silvery orchid with the reverse of deep lavender, giving a general effect of lavender. A very prolific bloomer and one we can well recommend. Bush of medium height.

Roots, \$2.50; Plants, \$1.25

EAGLE ROCK FANTASY (Broomall-Success 83E), Bloom 11 x 5, Bush 6 ft. Huge blooms are imposing and beautiful in form and color. Broad florets tapering and notched at tips. Clear mallow pink or violet rose with silver shadings. Stems long and erect. Foliage is medium dark green and seems to be immune to insect attack. This dahlia is most outstanding.

Roots, \$1.50; Plants, .75

HUNT'S VELVET WONDER (Hunt-Burnett Bros. 83E), 1935, Bloom 10 x 6, Bush 5½ ft. This variety won the American Home Achievement Medal in New York and won in Camden as the best Informal Decorative Seedling in 1934. The attractive broad petaled blooms are huge and have good, full centers and great depth. The flowers of deep rosy magenta blending into a true purple are well proportioned with large, dark green foliage.

Roots, \$7.50; Plants, \$3.75

JESSIE CRAWFORD (Fraser 84E), 1935, Bloom 11 x 4, Bush 4½ ft. This variety can best be described as a big shaggy unusual dahlia. Flowers are large and massive on long, reasonably strong stems. The bloom is decidedly Informal with the petals crinkled on the edges. In color a pale lavender or violet rose with amaranth purple shadings at center.

Roots, \$5.00; Plants, \$2.50

MARMION (Tyler 82E), Bloom 10 x 4, Bush 6 ft. Pure primrose yellow with a bronze center. Reverse of petals suffused bronze. A sturdy, strong-growing plant with blooms held well above the foliage. Old but still popular.

.50

RUBY TAIT (Fraser 83E), Bloom 10 x 4, Bush 4 ft. A delicately shaded flower of unique formation with numerous petals and petaloids. A striking relief from the uniformity of the Formal Decoratives. Light sulphur yellow with soft violet rose suffusion and shadings on reverse. One of the first in bloom and a mass of blooms until frost.

Roots, \$1.50; Plants, .75



Eagle Rock Fantasy Lilac Glory (Cactus)



Warren W. Maytrott



INFORMAL DECORATIVE DAHLIAS—Continued

ACHIEVEMENT (Ballay-Success 84E), Bloom 10 x 5, Bush 6 ft. This dahlia is a robust grower, profuse bloomer, with artistic blooms on strong stems, and has good keeping qualities. Golden yellow suffused coral, giving a general tone of apricot a little brighter and deeper in color than Jane Cowl.

Roots, \$1.00; Plants, .50

AZTEC GLORY (Broomall 84E), Bloom 10 x 5, Bush 3½ ft. Yellows come and yellows go, but this is still a very interesting dahlia to grow. It is a clear picric yellow with deep, massive flowers of most artistic formation, held on strong, erect stems. Foliage is glossy green, having somewhat the appearance of holly.

Roots, .75; Plants, .50

DIXIE RAVENSCROFT (Seal 84E), Bloom 10 x 5, Bush 3½ ft. The face of this attractive dahlia shows a bright, russet orange while the reverse is lemon yellow. The blooms are large and deep on fairly strong, graceful stems. Its distinctive color makes it very showy. The bushes are robust and quick growing.

Roots, \$2.00; Plants, \$1.00

GOOD NIGHT (Broomall 85E), Bloom 10 x 5, Bush 5 ft. One of the prettiest dark dahlias we have had the pleasure of growing. Good throughout the season. Color, garnet shaded maroon. Its faults are hard to find, which is saying a great deal, as it has size, form and stem as well as being an early and profuse bloomer.

Roots, .75; Plants, .50

H. R. S. (Seal 84E), 1934, Bloom 11 x 6, Bush 6 ft. A beautiful, golden yellow of distinctive form with numerous long, wavy petals and centers that are always full. Pinched out once, it develops into a well proportioned bush that gives you a quantity of flowers on long, slender stems. A very pleasing dahlia.

Roots, \$3.00; Plants, \$1.50

LA FIESTA (Cordes-Eastman 84E), Bloom 12 x 5, Bush 5 ft. Deep sulphur yellow penciled coral red. There are interesting color variations in this dahlia. Out of the ordinary. At times the red blends with the yellow, giving almost a salmon pink effect. The lacy petals curl and twist, giving the flower the appearance of a chrysanthemum. Huge blooms are held well above the foliage on good stems.

Roots, \$2.00; Plants, \$1.00

LORD OF AUTUMN (Almy 88E), 1934, Bloom 12 x 6, Bush 5½ ft. The most talked of '34 introduction. We believe it is making friends the way Jane Cowl did and will dominate the yellow class in the showroom. It is a wonderful grower with clean, glossy foliage, stems strong and erect. The lemon yellow flowers attain a wonderful size and depth, and the long, pointed and twisting petals with beautiful center formation remind one of a large exhibition chrysanthemum. Highly recommended as one of the best exhibition varieties.

Roots, \$5.00; Plants, \$2.50

WALDHEIM SUNSHINE (Peacock 84E), Bloom 10 x 4½, Bush 5½ ft. This graceful dahlia is very popular. A true deep yellow that will show up yellow under artificial light. The reflex is darker, and there is a rich golden suffusion around the beautiful full, high center. The bush growth is good, stems are strong and erect. It is a sturdy grower and free bloomer. Roots, \$1.00; Plants, .50



Lord of Autumn



Myra Howard

MYRA HOWARD (Glutzbeck-Dahliadel 85E), Bloom 10 x 7, Bush 5½ ft. A dahlia we are proud to have introduced. The color is a glowing combination of yellow cadmium and gold with tints of salmon, the entire effect being ochreous orange. Throughout the deep flower are petaloids, which give it distinction. A wonderful plant and a thrifty grower, producing giant blooms freely on long, strong stems. Certified at Storrs, Conn., and has won many prizes. Reports from customers indicate this dahlia behaves wonderfully well in the various climates. Georgia and foreign growers have been particularly enthusiastic.

Roots, \$1.50; Plants, .75



Monmouth Queen

INFORMAL DECORATIVE DAHLIAS—Continued

MONMOUTH QUEEN (Kemp 85E), 1934, Bloom 10 x 5, Bush 5 ft. Full centered flowers of good size and depth held facing on long, stiff stems. A wonderfully strong grower, bright green foliage, and a prolific bloomer. Color is a pleasing lemon yellow gradually passing to light primrose or cream yellow on back petals. As picture indicates this variety is far from Formal but at times it is a borderline classifying as a Formal. **Roots, \$5.00; Plants, \$2.50**

ADIRONDACK SUNSET (Cackener-Parkway D. G. 85E), 1935, Bloom 9 x 5, Bush 5 ft. Color scarlet red with golden tips and reverse. Center of the flower is tipped golden orange. The petals are long and broad, forming a high center. Good growing habits. A very attractive and showy variety for those who enjoy bright colorings. **Plants, \$2.50**

BOSPHORUS (Ballay-Success 84E), 1935, Bloom 10 x 5, Bush 3 ft. This variety is rather unusual and may be a little disappointing in the early season as it is ragged and irregular. As the season advances it shapes up much better but is still crinkly on the edges of the petals. Color, scarlet tipped orange. Bush rugged and stocky. Certified at Storrs. **Roots, \$7.50; Plants, \$3.75**

CHAMPOEG (Crites-Kemp 82E), Bloom 9 x 4, Bush 5 ft. The unusual coloring of Champoeg makes it an especially attractive flower. It is a waxy canary yellow at the center and shades into a soft rose red, which deepens in cool weather. The backs of the petals are pale yellow. Strong, sturdy stems hold the flowers well above the rough thick foliage. Blooms are produced early and freely. **Roots, \$1.00; Plants, .50**

FULL MOON (Ballay-Success 83E), Bloom 9 x 5, Bush 4½ ft. The large blooms are regularly form-

DAHLIADEL NURSERIES



ed with broad petals curling back to the stem when fully open. Stems are unusually strong with the flower always upright. Color, clear, bright canary yellow. Bush growth is temperamental at times.

Roots, \$2.00; Plants, \$1.00

JUDGE SAMUEL SEABURY (Etherington 85E), 1935, Bloom 10 x 5, Bush 5 ft. Won at New York as best Informal Decorative and certified at Storrs in 1934, along with other winnings. This variety is uniform in color and form and those who like soft or pastel shades should be pleased with this dahlia. Color, flesh or amaranth pink shading to creamy white at center. Foliage rugged, stems and substance good. **Plants, \$3.75**

KING MIDAS (Peacock 83E), Bloom 10 x 4, Bush 4 ft. Still a popular yellow dahlia. The plant growth is sturdy, stems are long and erect. For disbudding it responds best to Drawing X, coming into bloom about six weeks after second pinching out. Centers are high and always full.

Roots, .75; Plants, .50

POT O'GOLD (Chappaqua 84E), Bloom 9 x 5, Bush 4½ ft. A large, brilliant flower of clear yellow with numerous long, wavy petals which not only make it artistic and beautiful in form but give it great depth. Very free blooming and most satisfactory for us. Certified at Storrs.

Roots, \$2.00; Plants, \$1.00

SANHICAN'S BLUEBIRD (F. & M. 80E), Bloom 7½ x 3½, Bush 4½ ft. A pleasing near to blue Decorative with outer petals of bright violet blue while the center petals retain the violet tint. An attractive flower on wiry stems. **.35**

STRONGHEART (Ballay-Success 83E), Bloom 10 x 4, Bush 6 ft. An artistically formed dahlia of good size and perfect stems. Color is a beautiful light cadmium shaded apricot. Certified at Storrs. Foliage is insect-resistant. A very attractive flower.

Roots, \$1.50; Plants, .75

THE COMMODORE (Scott-Kemp 83E), Bloom 10 x 4, Bush 5 ft. A nice clean-growing, bright lemon yellow. Won American Home Achievement Medal and A. D. S. Certificate. Petals large, centers full with flowers of loose and open formation. Bush is compact. Stems are of good length when disbudded.

Roots, \$1.00; Plants, .50

WHITE DUCHESS (English 85E), Bloom 11 x 5, Bush 5 ft. A bold white flower of large size, with a full, high center, facing upward, or partially so. Petals are broad and waved, giving the flower a very graceful appearance. Stems are strong and erect. A good grower. We have found this a very satisfactory white exhibition dahlia with wonderful keeping qualities.

Roots, \$1.50; Plants, .75

WHITE EMPRESS (Jost 84C), Bloom 8 x 5, Bush 5½ ft. This dahlia is a strong, healthy grower with leathery foliage. Stems are strong and erect. Color, almost pure white. Not an over abundant root maker, either from roots or plants. Good for cutting. **.50**

WORLD'S BEST WHITE (Murphy 82E), Bloom 9 x 3½, Bush 5½ ft. Still a popular white for exhibition or the garden. The creamy white blooms are borne profusely on stiff stems.

Roots, .75; Plants, .50



INFORMAL DECORATIVE DAHLIAS—Continued

DERRILL W. HART (Broomall 83E), Bloom 9 x 3, Bush 6 ft. Color, deep orange or copper, shading to henna brown. Has a good stem, keeps well when cut, and is a free bloomer. It is a rapid grower, with heavy, dark foliage, and should be cut back severely during the hot weather. .50

EAGLE ROCK BEAUTY (Broomall 83E), Bloom 9 x 3½, Bush 5 ft. This fine dahlia certainly is a pretty combination of soft violet rose with creamy white center. Petals long and gracefully twisted. A pleasing and satisfactory variety. .50

EDITH A. LEHMAN (Kemp), 1935, Bloom 10 x 5, Bush 5 ft. One of the 1935 introductions that is very favorably talked of and worthy of your trial. Color, brilliant old rose with salmon suffusion. Stems strong holding flowers well above the foliage. Petals are rather broad and heavy giving the flower a rich appearance. Plants, \$5.00

ELIZA LONDON SHEPARD (Peacock 82E), Bloom 9 x 4, Bush 5 ft. The rich coloring of this dahlia makes it very attractive. Bright golden orange apricot so blended that it makes a one-tone spectacular flower. Blooms of good substance with full centers are borne on long stems. Strong grower and free bloomer. .50

JERSEY'S DAYBREAK (Waite 84C 83E), Bloom 8 x 4, Bush 6 ft. This much admired dahlia is Hermosa pink, shading to creamy yellow in the center. Flowers are of good size with high, pointed centers and hold their splendid form throughout the season. The stems are rigid and the foliage is of leathery texture. One of the few dahlias that develops in water. Roots, .75; Plants, .50

LADY MOYRA PONSONBY (Elder-Lee 83E), Bloom 10 x 6, Bush 5 ft. Although we have a number of good yellow dahlias this variety is of a pleasing, desirable shade of clear, light lemon yellow and enhanced by petaloids. The petals, broad at the base and decidedly pointed at tips, make it lean toward the Semi-Cactus. Centers are full, stems erect, and a good grower. Roots, \$2.00; Plants, \$1.00

MAN O'WAR (Boone-Ruschmohr 85E), 1934, Bloom 10 x 4, Bush 5½ ft. This dahlia has made a good record for itself by scoring at Storrs and a number of other winnings. In form it is similar to the accompanying picture. Color is a rich dark carmine. Good foliage and good flowering habit. Roots, \$3.50; Plants, \$1.75

MURPHY'S MASTERPIECE (Murphy-Success 85E), Bloom 11 x 4, Bush 4 ft. The monster blooms of deep, dark red shading toward crimson are held erect on stiff stems. It is a stocky grower and in all a good dahlia. Comparing this variety to Dwight W. Morrow, it has better stems, but it is not as bright shade of red, nor does it stand sunshine as well without burning. Plants, \$2.50



Robert Emmet

ROBERT EMMET (Moroney-Dahliadel 85C 87E), Bloom 10 x 6, Bush 5 ft. This wonderful exhibition variety is the most beautiful shade of red found in any dahlia, a velvety, cardinal red inclining to crimson, of giant size and great beauty. It is a perfect open grower with sturdy, dark green, insect-resistant foliage. Certified at Storrs and is a great prize winner. This dahlia produces great quantities of perfect blooms from mid-August until frost, stems stiff and long with flowers facing perfectly. It is a dahlia that will win in both the red and Informal classes as well as the best bloom in the show. Robert Emmet well grown and staged in any show, will stand against the best dahlias known today. Roots, \$3.00; Plants, \$1.50

NORTH'S YELLOW (Peacock-Dahliadel 83C 84E), Bloom 9 x 4, Bush 6 ft. We do not have many varieties that seem to enjoy August heat, like this one does, and will produce perfect blooms when others fail. This dahlia does well in the North and South, as it is an early and rapid grower. Color, a clear sulphur yellow. Roots, .75; Plants, .50

PENN CHARTER (Hall 83E), Bloom 9 x 4, Bush 3½ ft. A strong grower with heavy leathery foliage. Blooms have good depth and beauty. Rich gold, tinted with reddish apricot. Graceful flowers are held on long stems. A bright spot in your garden or home. .50

POESIE MORAVY. This fine foreign variety is white suffused soft lilac deepening at the center. Very early, free flowering, excellent for cutting. It is very effective in basket work, in the show room, and should be popular with the florists. Plants, \$1.50

THE LEMONADE (Ward 83E), Bloom 9 x 4, Bush 5 ft. Although we have a number of yellows, this dahlia is popular because of its beauty, size, erect stems, good habit of growth and keeping qualities. Color, clear sulphur yellow. .50



Anna Benedict

ANNA BENEDICT (Benedict-Dahliadel 86E), ID, 1935, Bloom 9 x 5, Bush 5½ ft. This variety will hold its own against any dark red as it is the most satisfactory red we have grown. First, the stem is always good even in wet weather. Second, the centers are always full even at the end of the season. Third, the color will stand full sunshine and not fade. Fourth, the substance will carry the blooms through a good rain and windstorm without battering. Lastly, the bush and foliage make a picture of health and vigor. The color is a rich, deep garnet with black shadings and shadows at the center of the bloom. This dahlia was certified at Storrs, Conn., 1934, with the high score of all entries of 86.6. We, therefore, feel confident you will be more than pleased with it in the garden, home, or on the exhibition table, as it was certainly outstanding in our exhibits and trials this fall. It is an Informal, although you might call it a "border line" dahlia. **Roots, \$5.00; Plants, \$2.50**



INFORMAL DECORATIVE DAHLIAS—Continued

CITY OF CLEVELAND (Bissell 85E), 1935, Bloom 10 x 5, Bush 4½ ft. Worthy of a place in any garden as we found it a strong healthy grower, producing large uniform, well-formed blooms throughout the season. Flowers are of artistic form in a bright orange suffused scarlet. Very rich and attractive in appearance. Certified at Storrs.

Roots, \$5.00; Plants, \$2.50

CITY OF TRENTON (Prentice-Dahliadel 83E), Bloom 10 x 4, Bush 6 ft. A pleasing color of bright apricot, suffused gold, showing considerable rose on the reverse. The bush grows strong and robust, producing flowers with perfectly full centers on long, erect stems. A dahlia you will like.

Roots, .50; Plants, .50

DOROTHY STONE (F. & M. 84E), Bloom 9 x 4, Bush 4 ft. Suitable for the garden and show room, although not as spectacular as Kathleen Norris. It is a darker pink and a deeper flower. A good grower with stems long and erect.

.50

DWIGHT W. MORROW (Dahliadel 85E), Bloom 11 x 5, Bush 5 ft. A gigantic rich crimson red dahlia that is admired by everyone. Its size, form, and richness of color make it very spectacular. This dahlia likes reasonably heavy soil, but should not be forced or over-watered. From New Jersey and north we have had wonderful reports of its behavior. Disbudding should not be done until terminal bud is about to show color. In the south the heat will cause the stem to droop with the extreme weight of the massive blooms unless disbudding is regarded. It is a healthy grower and a popular winner in many shows.

Roots, \$1.50; Plants, .75

EVA HUNT (Hunt 86E), Bloom 10 x 5, Bush 5 ft. Waxy white with wide, heavy petals, with a texture almost like that of a lily. Centers are full and high. An unusual feature is the dark green foliage on a white dahlia which is a striking contrast. It is a good grower and is sure to be a great prize winner, when it is better known.

Plants, \$1.25

GIRL OF HILLCREST (Scott-Kemp 83E), Bloom 10 x 4, Bush 5 ft. You will derive a great deal of pleasure from growing this fine variety as it blooms early and continuously. Color is apricot buff or cadmium orange. A vigorous grower with long stems.

Roots, \$1.00; Plants, .50

HARRIET HOCTOR (Alling 81E), Bloom 10 x 4, Bush 5 ft. A very satisfactory dahlia of wonderful size and color. The stems tip a little in the extreme heat with the weight of the flower. Color, bright mauve with magenta shadings, giving a bright purple effect. Bushes strong and healthy.

.75

INDIANA MOON (Martin 82E), Bloom 11 x 5, Bush 6 ft. A richly colored flower of soft cadmium orange with lines and suffusion of carmine. This huge dahlia is easy to grow as it is robust and healthy. The stems are strong and erect.

.50

IROQUOIS SUNBEAM (Toth 85C 84E), 1934, Bloom 9 x 4, Bush 5 ft. An upright, sturdy grower and prolific bloomer. Orange buff suffused coral. A garden dahlia that will grow to exhibition size. We found this an excellent cut flower for late in the season.

Roots, \$4.00; Plants, \$2.00

JERSEY'S MAJESTIC (Waite 82E), Bloom 11 x 5, Bush 5½ ft. As the name implies, this dahlia stands above most varieties on long, erect stems. The foliage is very dark and effective on sturdy bushes. Blooms of immense size are coral shaded carmine and suffused with orange at the center. In general a metallic coloring. Very showy.

Roots, \$2.00; Plants, \$1.00

KATHLEEN NORRIS (F. & M. 86E), Bloom 10 x 5, Bush 5½ ft. This outstanding exhibition dahlia is a true rose pink, deepening to mallow pink, with central petals a lighter shade. Petals are broad and overlap each other. Blooms are held erect on long, strong stems. This dahlia to do its best should not be planted before June 15th, or if planted early should be topped rather severely about the middle of July with conditions as we have them in New Jersey.

Roots, .75; Plants, .50

KEMP'S VIOLET WONDER (Kemp 81E), Bloom 10 x 5, Bush 5 ft. The predominating color of this fine dahlia is bright violet purple with faint bluish violet at tips of petals. Deep flowers of perfect form. Stems are stiff, holding flowers well above the foliage. A truly outstanding variety, keeping well when cut. Plant is a prolific bloomer, strong grower, not susceptible to sucking insects.

Roots, .50; Plants, .50

MARGARET W. WILSON (F. & M. 82E), Bloom 9 x 4, Bush 4½ ft. An easy variety to grow, producing a profusion of huge blooms. Especially good early in the season. Face of petals creamy white with a phlox pink reverse, giving an opalescent effect.

.35

MRS. GEORGE LE BOUTILLIER (Ruschmoler 85E), 1935, Bloom 10 x 5, Bush 5 ft. As an exhibition dahlia this variety did considerable winning last season and has been shown 14½ inches in diameter. It has given Murphy's Masterpiece plenty of competition as it is quite similar in form and also a red, but this one is described as a carmine red.

Roots, \$5.00; Plants, \$2.50

PRINCE OF PERSIA (Newsom 82E), Bloom 10 x 6, Bush 6 ft. A very striking bright red exhibition dahlia of the most iridescent, rich, glowing cardinal. The petals are of great depth and substance, making an unusually deep, attractive flower. Bush is vigorous and robust.

Roots, \$1.00; Plants, .50

RAJAH (Groll 84E), 1935, Bloom 9 x 5, Bush 4½ ft. The rather unusual coloring and striping of this variety make it outstanding. It is ochreous buff speckled and striped a light garnet. Strong, erect stems with dark green, insect-resistant foliage. Was very popular in our Trial Grounds this past season.

Roots, \$2.50; Plants, \$1.25



CULTURAL INSTRUCTIONS

The following directions are based upon years of experience and should be of value in solving some of your cultural problems. These suggestions should be changed to suit local requirements. However, we sincerely believe that the fundamental principles involved will apply throughout the country.

SOIL PREPARATION

The dahlia will grow and produce excellent results in a wide range of soils, other conditions being favorable. It is not so much a matter of soil type as it is conditioning. To grow exhibition blooms to perfection, the nearer soil can be to ideal the better your results will be. Soil should contain enough clay to keep the fertility from leaching and also enough sand or stones to facilitate drainage. Fifty to sixty-five per cent sand is considered ideal.

The use of peat moss broadcast and mixed well into the top-soil without the use of coarser material in the sub-soil is an advantage on heavy soil to open it up and on light soil it will conserve moisture and hold fertility.

As soon as the soil can be worked in the spring, it may be further improved by a cover crop of oats and field peas. Or, better still, where winters are severe, sow rye in September or October. The green crop will do no harm during the late blooming season, will winter over, and should be turned under about two weeks before planting. In New Jersey and farther south, rye can be sowed after digging roots. A cover crop will add organic matter, supply humus and further adjust soil conditions. If soil is poor, a top dressing of stable or chicken manure, after digging roots, in the fall or early winter will improve growth the following year. Chicken manure, however, should be used very sparingly.

A good time to work the soil, when no cover crop is planted, is about a month before planting, digging rather deep and thoroughly breaking up all lumps. Then rake the ground over about once a week to retain moisture.

DRAINAGE. The primary factor in growing dahlias is that of drainage, which in sandy soils is well taken care of, but in heavy soils a quantity of coarse coal ashes should be dug in and thoroughly mixed with the subsoil. Then coarse manure, straw, litter or peat moss should be mixed into the top-soil. The addition of a good quantity of coarse sand will help drainage and aeration wonderfully in compact or clayey soil.

For soggy soil we might suggest ditching 18 or more inches deep where the row is to be planted, running the ditch with the slope if possible. Fill in with coarse ashes, clinkers or any coarse material that will not rot, keeping it below spading depth, then fill in top with soil mixed with peat moss, sand or the part of ashes about the size of corn or a little larger. When using peat moss, to each bale, add 2 pounds of powdered chalk (calcium carbonate CaCO_2). This will counteract any acidity generated by the peat moss.

See "Irrigation" for Tile Drainage System.

LIMING. As a rule, the dahlia likes a reasonably acid soil, but will do equally well without the presence of much acid. Lime not only neutralizes acid, but makes the natural humus in the soil available as well as loosening heavy soil. With this in mind, liming at the rate of 1 pound to 20 to 30 square feet is a safe practise on heavy soil every 3 or 4 years.

FERTILIZER

Of the ten elements considered absolutely necessary to plant growth, we find nitrogen, phosphorus and potassium the prime essentials and the ones most lacking.

Nitrogen stimulates the growth above ground, producing large bushes and flowers, but if used to excess the flowers will be soft, wilting readily, and the bushes will be overgrown and lower the vitality of the roots. Nitrogen is found naturally in humus (decomposed vegetable matter or manure). It can best be supplied in animal matter, such as bone meal, tankage or manure.

Phosphoric acid increases the root development, especially the lateral and fibrous roots, strengthens the plant growth and gives substance to the bush and flowers. It also aids in ripening the roots. This element is found in bone meal, tankage and acid phosphate, with a small amount available in manures.

Potash is the balancing agent for nitrogen and phosphoric acid. It gives color to the flowers and foliage, and vigor and tone to the plant in general. It is an essential in starch formation and aids in the maturing of well-nourished roots. This is found in wood ashes, muriate or sulphate of potash.

Fertilizer to be applied before planting. Scatter broadcast after spading and mix thoroughly into the top-soil to every 100 square feet of ground or to each 10 dahlia hills.

5 lbs. Raw bone meal.

10 lbs. Unleached wood ashes, or

1 lb. Muriate or sulphate of potash, not both.

An additional 5 lbs. bone meal may be spaded in before the above application if ground is very poor.

Fertilizer or top dressing to be applied about August 15. Scatter broadcast over ground, not closer than 6 inches nor more than 18 inches from the stalk and rake in, to every 10 hills.

1 1/2 lbs. Raw bone flour.

1 1/2 lbs. Animal tankage, or

4 lbs. Sheep manure, not both.

5 lbs. Unleached wood ashes, or

1/2 lb. Muriate or sulphate of potash, not both.

Manuring is not necessary, even in light soil, if the above formula is used, but an application of horse or cow manure or compost in the Fall is very good for soils lacking humus. This can be used as a top dressing for a cover crop, or dug in by shallow spading in the Fall to help decomposition, and then spaded in deep about two weeks before planting.

Don't use nitrate of soda as a fertilizer. Don't try to grow exhibition blooms by forcing the life out of your stock with sheep or any other manure and expect your stock to do well for you the following year without balancing your plant food with phosphoric acid and potash. Exhibition blooms and good roots can be grown at the same time from green plants as well as from roots by following our cultural instructions.

PLANTING

WHERE TO PLANT. In selecting a location for dahlias, it is essential to have a free circulation of air for healthy plant growth and to prevent mildew. Dahlias need direct sunlight at least 3 or 4 hours, preferably 6 or 7 hours, each day and should not be planted near large trees or dense shrubbery which would shade the plants and use moisture and plant-food.



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WHEN TO PLANT. Should you desire a mass of color for landscape effect or a number of smaller blooms to cut, early planting is recommended. For exhibition blooms later planting is advisable, unless you intend to cut back, prune and disbud systematically.

Dahlias should be planted in Southern New England, Southern New York State, Pennsylvania and North Jersey between May 15th and June 15th, while in South Jersey, Delaware, Maryland, Virginia and interior States of the same latitude the planting period extends from May 1st to July 1st; North Carolina from April 15th on, South Carolina and Georgia from April 1st on, advancing through Florida to January in the citrus fruit belt. Farther north, where hot Summers are less harmful and early frosts are prevalent, planting may commence as soon as danger of frost is over. In the northern parts of the United States and Canada we recommend starting dahlia roots or plants in a cold frame in pots or in squares of inverted sod, so they can be planted in your garden without disturbing the feed roots. Should the top growth be over 6 inches at time of planting out it would be well to top out, leaving preferably two nodes above the ground, see P on Drawing X. When green plants are grown in 2 to 2½-inch pots, as soon as a good root growth is developed they should be repotted in 3 to 4-inch pots and pinched out at time of re-potting.

HOW TO PLANT. When planting large flowering dahlias, the rows should be from 4 to 5 feet apart, or from 6 to 10 square feet should be allowed for each plant. A novel way to plant is to place your stakes 4 x 5 feet apart, and plant a root or plant on each side of the stake so that stalk will be about 2 inches from the stake. This will allow better air circulation and more room for cultivation. Varieties will not mix by growing them together and should one plant fail, there will be no blank spaces.

Do not plant roots or plants in or over hot manure or any quantity of compost. Although practiced by some, we do not recommend the use of any potato, dahlia fertilizer or bone meal in the hole directly under the dahlia root or plant, as there is too much danger of injuring the tender feed roots, but rather suggest a broadcast application, as recommended above after spading. The stunt in dahlia plants can often be traced to the burning of the feed roots caused by excessive chemical feeding.

ROOTS should be planted in trenches or holes, 4 inches deep in heavy soil and 6 inches deep in sandy soil, laid flat down (not on end) and covered with earth not over 2 inches in depth, filling in as the plant develops. Where drainage is poor keep a furrow open between rows to facilitate drainage in wet weather.

GREEN PLANTS. After removing moss and paper pots from plants that have been shipped, soak ball of dirt in water a few minutes, then plant them with the top of the ball of dirt about 3 inches below the ground level and cover the top of the ball of dirt ½ to 1 inch. In locations where there is danger of flooding, or poor drainage, do not plant quite this deep. Water thoroughly once if ground is dry and then protect with open basket or open crate for a few days as a partial protection from the sun and wind, covering only when protection is needed. Then start cultivating. Fill in gradually as the plant develops. For cut worms, scatter poison bait the evening of planting. See "Cutworms."

Where dahlia plants are to be set in heavy soil it is advisable to at least prepare the hill by mixing sand or the medium coarse part of coal ashes into the ground where the plants are to be set. The dirt can also be washed off the roots and the roots straightened out, which will, however, check the growth of the plant about a week. Plants will make better bushes and clumps in heavy soil if hills are prepared, but it is not at all necessary in light soil.

It is best to set plants without cutting back to get feed roots started. After the plants have established themselves you can top back with safety.

Cut all plants back to two or three pairs of leaves above the ground, or at least pinch out the top to cause the plant to branch. When plants have been shipped a distance and lower leaves are somewhat yellowed, do not top until plants have started to grow.

Where dahlia plants are grown with only a reasonable amount of fertilizer and water they are apt to make more roots than when grown in the midst of plenty. To produce roots on plants use a balanced plant food, as recommended under **Fertilizer**, but not to excess, and water only when necessary to produce a good, healthy, but not soft growth. When setting plants the last of June for September blooms, we recommend disbudding, according to Drawings X, Y and Z. When planting a month earlier it will be necessary to cut the fast growing varieties back severely about six weeks before you want blooms, leaving about one-half the growth and not more than six laterals for the first blooms. Then disbud these, as shown on Drawings X or Y, as soon as branches develop sufficiently. This cutting back will give the plant an oversupply of feed roots, which will start root production at once. On digging in the Fall you will find mature roots, where on plants not cut back you will find more fibrous or feed roots.

In growing Dahliadel green plants, only the strongest cuttings are potted, and again the best plants are selected for filling orders. This assures you of the best stock procurable.

PINCHING OUT and DISBUDDING

PINCHING OUT is indicated on Drawings X and Y at P and P2, first and second pinching out, respectively. We recommend this system for most varieties. The smaller a plant is when pinched out, the quicker it will heal and branches develop.

Allow only one main stalk to grow (never more than two). Pinch out the crown or center above the second pair of leaves. The principle of taking out the center is to develop the eyes, which are located at the base of the leaves. The top pair of eyes will make themselves evident in surprisingly short time, and these shoots or branches on most varieties should be pinched back again, P2 unless they are short stemmed varieties. In that case, they should be side pruned as indicated at F in Drawing Y, leaving not more than one pair of eyes on each branch. By the time these get a start, the second or lower set of eyes on the main stalk will have developed along with those above. These stems should bear the first four to six flowers.

DISBUDDING, as indicated by T in drawings, is the pinching or rolling out of the small bud growing at the base of each leaf. These can be cut out with a pointed knife if they have developed considerably before disbudding.



When the terminal bud on each of these stems is about the size of a small acorn, or as soon as the side shoots are large enough to pull out, disbud by taking out all the side buds and shoots except the lower pair on each of the branches which should be allowed to grow to form later flowers. Leave only one side shoot as shown in Drawing X or one to two shoots on Drawing Y, should you desire very large flowers. These new branches should be handled as the previous set as soon as they have developed sufficiently. All of the disbudded stem should be cut with the flower, when following X or Y. This early disbudding and pruning is not solely for the benefit of the first six flowers, but mainly to keep the bush low and properly branched for the future crop, also aiding in root development.

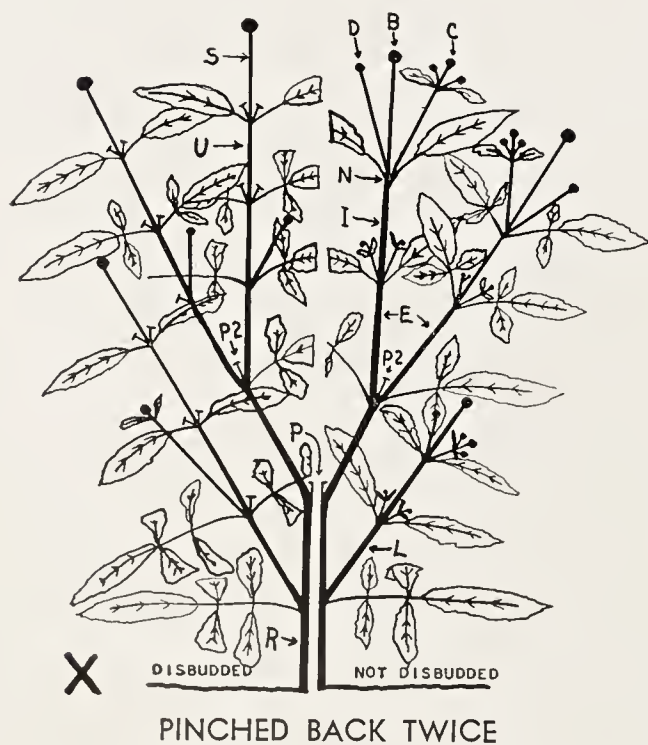
Should you fail to pinch out when plants are small, it will be necessary to use system shown on Drawing Z or exercise care with late topping or cutting back not to open hollow stems so that water can get in and start stem rot. These openings can be stopped up with wax or plaster paris. Should water get into the stalk, slit the stalk just above the nodes with the point of a sharp knife, and by twisting the knife let the water out.

Certain varieties branch to excess. These should be thinned out at intervals of two weeks, and not more than six shoots allowed to come into bloom for the first flowers. This affords the plant better air circulation and sunlight. Without plenty of air and sunlight your blooms cannot be fully developed and your foliage will be easy prey to mildew.

These drawings are made with the hope of making disbudding easier. The left side of each drawing shows half of the plant disbudded, while the right side shows the normal development of branches and buds on the same plant when not disbudded.

Key Letters to Drawing

- B Terminal Flower Bud
- C Secondary Terminal Bud
- D Lateral Bud
- E Branch
- F Side pruning, removing B and D
- I Internode
- L Lateral Branch
- N Node
- P Pinched out once
- P₂ Pinched out twice
- R Stalk
- S Stem
- T Where shoot or bud has been removed
- U Stem Stalk



Drawing X is recommended for most large flowering varieties under normal growing conditions. Pinching out once is best for varieties that branch readily, while pinching out twice will prove advisable on varieties that grow main branches rapidly and develop lower branches slowly.



Drawing Y differs from X in that it is for a variety that is known as a crotch bloomer, or for a variety with short stems where the flowers are often down in the foliage. This is easily handled by side pruning, as indicated at F, using the secondary terminal bud instead of the first terminal bud finally for your bloom. The right side of the drawing shows natural growth after pinching out twice, which is not desirable except for mass color in landscape effects.



Drawing Z is another system, which is recommended for some varieties but can be used for most dahlias (except crotch bloomers) should you desire to see one early bloom. Our reason for not recommending this is that dahlias are not at their best in the hot weather and this one bloom is not always up to expectation. Again, the right half shows normal branch and bud development when not disbudded, with most of the growth in the top of the plant. There are, however, a few varieties that need the mature foliage on the main stalk to keep the roots functioning properly, so when removing this crown bloom leave the central stalk and leaves on the plant but disbud the entire stalk, as shown on the left half of drawing.

Key Letters Used in Index

The key letter just ahead of the price is our recommendation of the system to use in topping and disbudding for each variety listed.

- V Do not disbud. For early blooms pinch out once or twice as indicated on right side of Drawings X and Y. For later blooms, cut back to about 6 inches above ground 6 weeks before you want blooms when growing in light soils; in heavy soil allow 7 to 8 weeks. Always leave the side shoots or branches to come into bloom. This system

works very well for the smaller type dahlias; such as, miniature, pompon, single, orchid flowering, anemone, and collarette; also for the larger dahlias when grown for mass color and landscape effects.

- W Cut back six weeks before you want bloom leaving about six small branches for your first six blooms and disbud as soon as laterals are large enough by following Drawing X, if stems are naturally long, and Y when stems are short.

X, Y, Z See Drawings.

IRRIGATION

When your dahlias need water, wet the ground so it will penetrate about a foot deep when growing in light soil. In heavy soil, watering need not be as heavy, as it may be followed by a rain and over-watering may result. Cultivate as soon as sufficient drainage has taken place, and do not water again until necessary, which will be in about a week.

Except as recommended below for insect control, do not spray your dahlia bushes, nor sprinkle the surface of the ground every night or so, for this will only pack the surface, preventing air circulation and causing the soil to crust and dry rapidly in the sunshine. This also draws the feed roots to the surface, to be sickened by the heat of the sun's rays. The flowers produced are soft and the root development very poor, low in vitality and hard to winter.

TILE DRAINAGE can be easily and inexpensively installed in heavy soil for irrigating in dry weather and afford drainage in wet weather. Arrange your rows of dahlias with the natural slope and where each row of dahlias is to be planted, dig a trench about 15 inches deep and place in it a row of porous drainage tile with a uniform fall toward the low end. Connect the rows of tile across at top and bottom (glazed sewer tile tees suggested), install a gate valve at the low corner, and pipe off so that the water will readily drain away. On the high corner of your garden, install a vertical tile stand pipe in which a float valve or hose can be used for filling. In wet weather, leave the gate valve open to drain. In dry weather, close the gate and run water in the stand-pipe until you have given your dahlias a good drink by sub-irrigation. This system can be made still more efficient by filling in around the drainage tile with a coarse porous material, such as coarse ashes, or coarse sand, before filling level with regular garden soil. This installation will not be unsightly and last indefinitely.

Automatic overhead irrigation is the most satisfactory all-around system for light soils. It is ideal for the early growing season and we recommend its use in the middle of the day in bright sunshine during this period, as it will discourage thrips and leaf hoppers and control red spider. If insects are bad we recommend sprinkling every two or three days from 1 to 1½ hours each time until insects are under control, then harden the plants off with less water and more cultivation. This will not only discourage insects but help the plants out-grow the insect injury. When bushes are well developed and buds breaking it is best to water after nightfall, less often and more thoroughly. Once a week should be sufficient in real dry weather.



CULTIVATION

By cultivating at least once a week, twice preferably in the early season, and as soon after rain or irrigating as the ground can be worked, the weeds will be held in check and a soil mulch formed which will conserve the moisture and lessen the need of irrigation.

As the plant develops and the feed roots come toward the surface, the ground should be worked rather shallow around the hill for the radius of at least a foot. Still work the balance of the ground rather deep and bring some fresh soil to the plant at each cultivation, giving the plant a new supply of food and protecting the surface roots from the heat of the sun. Have the hills mounded 3 to 5 inches by the middle of September. This will help support the stalks and protect the roots from freezing should an unexpected cold spell catch you before digging.

PESTS

THRIPS are tiny insects which in the nymph stage are less than $\frac{1}{8}$ of an inch long and a greenish gray color. They enter the growing leaf bud and chafe the newly formed leaves, injuring them so that they develop malformed and curled, also injuring the small flower buds and stems. These insects seem to enjoy the life blood of certain varieties on account of its flavor and do not molest the adjacent bush. If the attack is not checked the leaves will be gnarled and twisted, the buds one-sided or so injured that they dry up and fall off. This usually results in a stunted bush, which in reality is only debilitated by insect ravages.

LEAF-HOPPERS are larger than thrips and of a pale yellowish green color, a little over $\frac{1}{8}$ of an inch in length. They fly when the bush is touched during the heat of the day. These sucking insects do much to keep a plant from getting a good start.

APHIDS (plant lice) are soft-bodied, sucking insects which usually work on the under side of the leaves in groups, causing the leaves to curl. Thrips, leaf-hoppers and aphids are possible common carriers of virus diseases and should be kept in control for this reason, if for no other.

A good control method is to spray with pyrethrum soap. This can be done at any time of day and regardless of weather conditions, except rain. We have found this very effective for leaf-hoppers, thrips, red spiders and aphids. Use 4 ounces to 5 gallons of water. For all beetles, grasshoppers, ants and more hardy insects, use double strength or half the amount of water. Should a bush be infested with ants, spray bush and pour a few quarts of spray down the ant hill, or enough to fill the hill. This will do the dahlia no harm, but kill the ants. A number of our customers, as well as ourselves, have had wonderful results by using a pyrethrum soap, 4 ounces to 5 gallons, and adding $1\frac{1}{2}$ teaspoonfuls of Black Leaf 40 to each gallon. This kills not only by asphyxiation, but also by the toxic action of the pyrethrum.

Another control of thrips, leaf-hoppers and aphids is dusting with a good nicotine dust. Apply in sunshine with the temperature above 70 degrees at weekly intervals as a preventative from the time the plants are set or roots start to grow, and if any should appear then about every four days until they are controlled. For small plants a paper funnel on the end of the duster spout, held over the plant for about one minute when dusting, will increase the kill materially.

During the windy weather when dust cannot be applied to advantage, overhead sprinklers used during the heat of the day will control red spider and check the leaf-hoppers and thrips. See "Irrigation."

By dusting or spraying before the presence of insects, it is doubtful if you will see any. As it is difficult to procure nicotine dust and pyrethrum soap in most localities, we are listing them under "Dahlia Growers' Supplies."

RED SPIDER in late years has caused considerable damage to dahlias. This insect is barely discernible with the naked eye and works with such rapidity that you may have a row of dahlias today and within a few days or a week all the lower leaves will be as brown as cured tobacco leaves. There will be a very fine white web in evidence on the under side of the leaf. These insects multiply very fast in dry, hot weather, do not like strong air currents, and cannot stand cold water, especially applied with pressure. Syringing or spraying will help in their control. A spray of one level teaspoon of Colloidal Sulphur to one quart of water will be found very effective, and two sprays two or three days apart should clean up the infestation entirely.

CUT WORMS are easily controlled by scattering about a teaspoonful of poison bran bait around the plant (but not touching it) as soon as plants are set or shoots appear from roots. The early evening is the best time to apply it.

2 tablespoonfuls of molasses or brown sugar (dissolved).

1 level teaspoonful paris green mixed in.

Juice of an orange or equivalent in water.

1 quart of bran or enough to make a reasonably dry mash.

STEM BORER. This black-and-white-striped worm when small enters the stem just above the ground and usually works upward. It will be noticed in the early season by the shortening of the internodes and later on by wilting. When noticed early, cut the plant off near the ground and get the borer with your knife. If the borer is below where you want to cut back, use a hooked wire from the top. A plant cut back not later than July 15th should be in full bloom early in September. Wax or plaster paris may be used to close up top of plant after borer is out so water will not get in and rot the plant.

Should a plant be too large to cut back when borer is discovered, use pyrethrum soap at strength of $2\frac{1}{2}$ ounces to gallon and inject with ear syringe. This will kill the borer or drive it out. Drain stalk out by slitting at the bottom to prevent stem rot.



STUNT. In our twenty-seven years with dahlias, we have dug and destroyed all unhealthy stock, and the results are most gratifying. This is properly called rogueing. As there are a number of reasons why a plant should stunt, it is hard to tell the exact cause. However, we do know that rogueing is the only practical way of eradication, and believe some of the causes of stunt may be attributed to one or more of the following conditions:

First: From lowered vitality as a result of poor culture, lack of cultivation, etc., or forcing the stock with manure and water the previous season.

Second: The ravages of attacking insects, thrips, leaf-hoppers, red spiders, stem borers, etc.

Third: The rotting of the feed roots caused by too much water, where drainage is poor, or water in the hollow part of the stem.

Regardless of cause, all stunt should be dug out and destroyed. Our many years of this practice leaves us less than 1 per cent to dig annually on most varieties.

MILDEW. Gray spots on the leaves sometimes covering the entire leaf are the result of the growth of fungus spores known as Mildew. This is a result of a condition—lowered vitality—caused by lack of or an oversupply of water, planting too close without proper air circulation, or extremes. These adverse growing conditions are conducive to Mildew.

Spray with plain Bordeaux Mixture as prescribed on package once a week, preferably before the spots appear.

CUT FLOWERS

Dahlias should be cut in the evening or early morning, removing the lower leaves and all of the buds of the large varieties, if not disbudded. Immediately put in water in a cool dark place to freshen for a few hours.

Hot Water Treatment—Cut and freshen as above, then put stems in 1 inch of water, almost boiling, for 1 to 2 minutes. Then place in deep cold water to cool. Flowers are then ready to ship by packing in a strong corrugated box lined with tissue paper. Fasten stems down by nailing a wooden strip in the center of the box or by tying down through the bottom. Flowers packed snugly will carry better than when packed loose and allowed to batter.

Flowers when wilted can be freshened by cutting end of stem and placing in hot water as above. If necessary to completely freshen flower, repeat this operation but cut off discolored end of stem before again placing in hot water.

The hot water treatment will do wonders in making your exhibition blooms keep fresh after staging, but do not cut off the discolored end of stem unless you are again going to treat it.

The physical action of a cut flower is to take water up into the stem which evaporates through the flower and foliage. The slower this action of evaporation or transpiration takes place, the longer the life of the flower. From this you will see that buds and foliage will shorten the life of your flower. Also avoid placing cut flowers in a draft.

DIGGING and STORING

After the first killing frost, cut off the tops at the ground and allow a few days for the stalks to bleed out before digging. Where roots are planted deep, some of the top soil can be removed before digging. Care should be exercised so that the necks of the tuberous roots will not be broken. Loosen the roots by prying with a garden fork thrust in the ground about a foot from the crown, preferably all the way around, before attempting to remove clump. Two forks, if available, are even better. Cut the stalk back again to about 2 inches above the crown. Then by tapping on the cut stalk endwise with a light instrument, most of the dirt will free without injury to the necks of the roots. Dry in the sun a few hours, and your clumps are ready to store.

A root or white potato cellar is preferable with a temperature of 40 to 45 degrees. In this they need no protection or covering. The average house cellar is too dry and hot, and in such conditions the clumps should be placed in the coolest part and packed upside down in a tight box in practically dry sand, ashes, or peat moss.

When packing in dry material, such as peat moss, care should be exercised, first, not to allow clumps to sit around and shrivel before packing away, but pack away the same day as dug if you are using dry peat moss as it comes from the bale. Second, do not use more peat moss than necessary to just barely cover each layer of clumps before putting in the next layer. The reason for this precaution is that all root crops sweat when taken into storage. The purpose of the peat moss is to absorb this sweat and conserve it for later on when the roots need it. Therefore, too much peat moss will cause your roots to dry out.

After the roots are stored a month, it is well to look them over, trim out any portion showing rot and dip all the fresh cuts in equal parts of sulphur and ground gypsum, and pack them back again as before. Should the roots show signs of shriveling, place dampened peat moss over the top of the box to prevent further drying.

Dahlia roots air dried and so packed should keep well until spring with no further handling, providing they were grown properly, well ripened, and not frosted.

DIVIDING CLUMPS

Dahlia clumps can best be divided with the aid of double cutting pruning shears and a pruning knife. Broken necks and fibrous roots should first be removed as the eyes are on the crown and never on the root proper. Then proceed to divide with shears or knife. Care should be exercised to have a piece of crown with an eye on each one or two roots. Clumps should never be planted without dividing.

WHEN TO DIVIDE. For the amateur in this latitude, clumps are better not divided until early April when the eyes should appear if crowns have kept well up to this time. Clumps can be divided in January and February but on early dividing it is not advisable to cut apart single root divisions, but rather divide a clump into two to four pieces, dipping cut portions as recommended above and repacking as before, changing moisture content to correct either drying out or too much moisture which may have started eyes developing too rapidly.



Dahliadel Gold

DAHLIADEL GOLD (Dahliadel 85E), FD, 1935, Bloom 11 x 5, Bush 4½ ft. This dahlia grows large and massive naturally. When heavily fed with nitrogen for exhibition or over-watered the flower is so heavy it may tip on its stem. However, when grown properly with plenty of phosphorus and potash and the nitrogen withheld produces perfect exhibition blooms on good stems held well out of the foliage. Bush growth is robust with dark leathery foliage. Flowers, as you will note, are beautiful in form and a pleasing color, deep golden yellow, suffused light coral red with darker shadings at center. Try this for the largest bloom class. It won first prize in the Private Estate Section as the Best Five Formal Decoratives, one or more varieties, in the New York Show. About as fine an exhibit of Formal Decoratives as ever has been staged.

Roots, \$5.00; Plants, \$2.50



FORMAL DECORATIVE DAHLIAS

FORT WASHINGTON (Rindfleisch-Jost 82E), Bloom 10 x 4, Bush 7 ft. The bushes as well as the flowers are giants with long, strong stems. A dark amaranth red which does not fade. The long run of popularity is certainly a tribute to this variety.

Roots, .50; Plants, .50

IDA PERKINS (Montrose 80C 82E), Bloom 8 x 4, Bush 5½ ft. One of our good all-around white dahlias, of fine form, with full centers. A good keeper when cut. Blooms early and continuously. Dark leathery foliage. .50

KATHERINE COLE (McDowell-Waite 83E), Bloom 7 x 3½, Bush 5 ft. A free-blooming variety with healthy foliage. Stems are long and strong. Cream, suffused light pink, and tipped lilac rose. .50

MARY ELLEN (Loller 84E), Bloom 11 x 5, Bush 5½ ft. Described as a seedling of Mrs. I. de Ver Warner, with a similar habit of growth, which is a good recommendation. The color is a violet rose, with considerably more pink than lavender. Flowers attain wonderful exhibition size.

Roots, \$1.00; Plants, .50

MEADOWBROOK (Ruschmohr 85E), Bloom 10 x 4, Bush 6 ft. An exceptionally strong and rugged grower with heavy foliage. Stems very long and always erect, holding the flower well above the bush. Blooms are imposing and of regular formation. Color is lilac veined rosy magenta giving a general tone of mallow purple.

Roots, \$1.00; Plants, .50

MONMOUTH CHAMPION (Kemp 85E), Bloom 11 x 4, Bush 5½ ft. Popularity seems to stay with this variety. A vigorous grower, producing beautiful exhibition blooms of brilliant scarlet orange. Perfect stems and insect-resistant foliage. Still a consistent prize winner.

Roots, .75; Plants, .50

MR. C. H. DRESSELHUYTS (S. & G. 83C), Bloom 6 x 2½, Bush 5 ft. Popular with the commercial grower because of its productiveness and keeping qualities. Medium sized blooms on long stems. Soft rose pink with lighter shadings. .25

MRS. I. DE VER WARNER (Marean 80E), Bloom 10 x 3, Bush 6 ft. The forerunner and parent of a number of our popular American dahlias which are characterized by sturdy, open-growing bushes, insect-resistant foliage, strong stems and full centered blooms. Color, bright lilac rose. .25

QUEEN OF THE GARDEN BEAUTIFUL (Burns 83E), Bloom 10 x 4, Bush 4½ ft. This distinctive and interesting dahlia coming from San Quentin Prison is an immense primrose yellow, facing upward on strong stems. An occasional bloom has a green center.

Roots, .75; Plants, .50

ROCKLEY MOON (Taylor-Ruschmohr 84E), 1935, Bloom 9 x 4, Bush 6 ft. This light lemon yellow dahlia shades darker in the center and shows a trace of purple tint on the back. It is a sturdy grower, producing large blooms on strong stems. This variety was judged the best dahlia in the West Virginia Show, 1934, and received a certificate of Merit in Storrs, Conn., 1933, and East Lansing, Michigan, 1934.

Roots, \$2.50; Plants, \$1.25



Ballego's Glory

BALLEGO'S GLORY (Ballego 84E 85C), Bloom 6½ x 4, Bush 3½ ft. A much admired variety for its distinctive color, which is mahogany red with gold bordered petals. The shadings vary with weather conditions. Bush, medium height of rather compact growth. Received First Class Certificate and Award of Merit at Haarlem, Holland. Early in bloom and good to the last. Roots, .75; Plants, .50

SAGAMORE (Kirby 84C), Bloom 7 x 3½, Bush 5½ ft. This dahlia has a lot of friends and is popular as a commercial and exhibition variety. Color, amber gold, elusively shaded with a warm salmon rose and orange buff. An open, strong grower with good stems, of uniform large size. .35

SNOWCAP (Fraser 85C), Bloom 6 x 3, Bush 5 ft. A very fine white with just a little cream cast. Centers are always full and deep. Strong, erect stems. Bush is good with leathery, insect-resistant foliage. This dahlia is fine for cutting and shipping.

Roots, .75; Plants, .50

SULTAN OF HILLCREST (Scott 83E), Bloom 11 x 6, Bush 3 ft. The unique form with the petals recurving to the stem attracts one's attention. Huge blooms of lemon yellow with reverse of rosy pink on strong stems, giving an unusual color effect. A dahlia for the largest bloom class. Certified at Storrs.

Roots, \$4.00; Plants, \$2.00

THOMAS A. EDISON (Dahliadel 85E), Bloom 9 x 4, Bush 4 ft. This gorgeous dahlia is still a popular winner at the shows. In the garden it is impressive with its staghorn petal formation, the large, dark green, insect-resistant foliage, the cane-stiff stems, the thrifty growth, and greatest of all, its color. It may be described as a royal purple or petunia violet. A. D. S. Cert., Award of Merit, Holland. This dahlia is a slow grower and will, therefore, stand fairly good culture with safety, and should not be topped back, but handled according to Drawing Z. We are confident it will please you.

Roots, .75; Plants, .50



Elite Sport

FORMAL DECORATIVE DAHLIAS—Continued

ELITE SPORT (Dahliadel 84E), 1935, Bloom 9 x 5, Bush 4½ ft. A positive sport of Elite Glory, inheriting such good qualities as rugged growth with insect-resistant foliage, strong stems, and the bloom an exact counterpart, except in color, which is a soft buff, striped and speckled crimson. This unique coloring does not fade or burn in the sun. Sports usually revert to the original variety to a more or less degree. True to tradition, this sport occasionally throws a solid red bloom with the rest of the bush blooming as described above.

Roots, \$2.00; Plants, \$1.00

ALEN A (Angel-Fraser 83E), Bloom 9 x 5, Bush 5 ft. A very pretty dahlia of ivory white with lilac suffusion and reverse. A beautiful variety that grows to exhibition size on good stems. A robust grower.

Roots, \$2.00; Plants, \$1.00

BUCKEYE BRIDE (Roberts-Peck 84C), Bloom 7 x 5, Bush 6 ft. This popular flower is still one of the favorites. The bush is a tall, rugged grower. It is an early and continuous bloomer on long, erect stems. Color, a distinctive even shade of salmon pink.

Plants, .50

CASPER G. WARE (Bowen-Dahliadel 80C), Bloom 8 x 4, Bush 4 ft. Grown without disbudding, you have a mass of color throughout the season. For cutting, prune out, leave six to eight shoots and by side pruning you will have blooms up to 9 inches in diameter, on good stems. Color is a pleasing shade of bright, silvery violet rose.

.35

CAVALCADE (Groll-Dahliadel 85C 85E), 1935, Bloom 8 x 5, Bush 5½ ft. A fine variety with a real future. In form, this dahlia resembles Jersey's Beauty and its stems are almost identical. It is, how-



ever, larger in diameter and two or three shades darker. Picture basket arrangements for the show room, home decoration, or florists' use, with Kentucky for a salmon pink, Jersey's Beauty for a soft pink, and Cavalcade for a rich deep rose with tones of rosy magenta. We welcome another companion in type but different in color. Won many prizes this season, and is a good root maker.

Roots, \$5.00; Plants, \$2.50

ELITE GLORY (Kennedy 83E), Bloom 10 x 4, Bush 4½ ft. A dahlia that has had a long run of popularity and is still good. Color, rich red. Blooms large, of good form and substance and held erect on strong stems.

.50

FRED SPRINGER (Groll 83E), Bloom 6 x 3, Bush 2½ ft. A Formal Decorative bedding variety with bright green, fern-like foliage which is very striking against the large scarlet blooms. This variety is a dwarf grower, beautiful for hedge effects or bedding, with stems too short for cutting.

Roots, .75; Plants, .50

GRACE (Bibbs 85C), Bloom 6 x 2½, Bush 6 ft. This dahlia will remind you a lot of Jersey's Beauty in form, not quite as deep a flower, but will give you twice as many blooms. It might be called a blooming fool, from early to late with centers perfectly full, stems long and stiff, but not clumsy. Color, pure white tipped and suffused lavender. As a cut flower it is very profitable.

.50

JACK'S BEAN STALK (Dahliadel), 1934, Bloom 6 x 5, Bush 10 ft. This freak reminds one of Jersey's Beauty in form and color as it is a bright, pure rose pink. Blooms complete back to stem even more than Jersey's Beauty, making a ball. If you have a building you wish to screen or if you want to cut your blooms from a second story window, this dahlia can easily be grown 10 ft. and probably more with a little feeding. Fool your friends and let them guess how you ever grew Jersey's Beauty so tall.

Roots, \$1.00; Plants, .50

JERSEY'S BEAUTY (Waite 86C 85E), Bloom 6 x 4, Bush 6½ ft. Probably the most popular cut flower variety grown. The ideal pink for exhibition or florist use. Large, deep flowers of perfect form on long stems. Free, early bloomer, with exceptional keeping qualities.

Roots, .35; Plants, .35

KENTUCKY (Castlewood 86C 84E), Bloom 7 x 5, Bush 6 ft. This dahlia has the same ideal characteristics as Jersey's Beauty, of which it is a sport, and apparently a stronger grower. Its color is a tone of Jersey's Beauty's pink, with a lot of yellow and gold blended in, making it more of a salmon pink. Good for cutting.

Roots, .50; Plants, .35

OLD HICKORY (Dahliadel 84E), Bloom 7 x 5, Bush 3½ ft. The dahlia that is easy to grow. A rough-and-ready, rugged plant, semi-dwarf with each branch bearing a large bloom which is almost a ball with centers always full. Stems are ideal for basket arrangement, and the blooms are wonderful keepers. Color, madder red with apricot suffusion.

.50



DAHLIADEL NURSERIES

SALEM PRIDE (Sickler 82E), Bloom 10 x 5, Bush 4 ft. A rather spectacular dahlia. Color, reddish violet, suffused and lightly streaked white. Blooms are large and deep on good stems when disbudded. Bush rather compact and of nice growth for the front of your garden. .50

SNOWDRIFT (Broomall 78E), Bloom 9 x 3, Bush 4½ ft. Large pure white with broad, rather flat waxy petals. Has a good stem by disbudding. A good bloomer and easy to grow. .35

THE WORLD (Dahliadel 85E), Bloom 9 x 4½, Bush 5 ft. The coloring is an unusually rich, deep, rosy magenta, overlaid garnet, with silver shadings on edges of petals. Perfect, full centers. Stems are strong and erect. Foliage is thick and leathery. A good, sturdy grower. This dahlia has good substance, but it is best not to let it bloom in the extreme hot weather, but cut back for blooms in cool weather, when the color will be as described. Roots, .50; Plants, .50



A. D. S. SHOWS

The National Show of the American Dahlia Society will be held in Detroit in 1936 in conjunction with the Michigan Dahlia Society, date to be decided later. The annual A. D. S. Show and meeting will be held in the Hotel Pennsylvania again this fall September 23 and 24. The mother Society is appealing through its affiliated State and Regional Society members for everyone to take part in boosting both of these shows. Dahliadel also cordially invites you to attend if you cannot exhibit. Reserve this date.

The Quarterly Bulletins, which have been greatly improved by the addition of several new features, contain much interesting and authentic dahlia information. With our fine new Bulletin, I cannot help appealing to you, if you are not already a member, to join the A. D. S., dues \$2.00, and you will receive the Bulletin regularly. Our secretary is Louis Alling, 251 Court Street, West Haven, Conn.



A. D. S. TRIAL GROUNDS

Seedlings may be sent to the A. D. S. Trial Grounds at Storrs, Conn., where they will be well grown under the supervision of Prof. Roland Patch, and to East Lansing, Mich., where Prof. C. E. Wildon is in charge. Scoring and description will be published in the Bulletin and stock returned to you. Fee for each seedling is \$3.00 and three roots or plants of each required.

We want to urge all interested in sending new varieties to Trial Grounds to consider using both Trial Grounds, preferably the same year.



The World

CAMDEN DAHLIA SOCIETY

Camden again in 1935 had an outstanding array of Seedling and Arrangement Classes for which they are noted. The Camden Dahlia and Horticultural Society will hold their annual exhibit on October 2 and 3 and we urge you not to miss it.



DAHLIA SOCIETY OF NEW JERSEY

The Dahlia Society of New Jersey and the New Jersey Gladiolus Society held a very creditable display in New Brunswick last fall under the auspices of the New Brunswick Garden Club in the Gymnasium of Rutgers University, a very fine place to exhibit. The show was staged and very ably managed by Dr. C. H. Connors. Although it was a little early for quantity of blooms the quality was very good. You will note our winnings of Commercial Displays on Page 35.

Each member of our State Society receives the A. D. S. Bulletin as the official publication. Miss Virginia Stout, Membership Chairman, of Short Hills, N. J., or Miss Frances Hornfeck, Secretary, of 85 Lakeside Avenue, Verona, N. J., will be glad to give you any further information, or send dues of \$2.00 to the Treasurer, Mrs. F. S. Fisher, 121 Abernethy Drive, Trenton, N. J.



Potash Fed DAHLIAS



DAHLIADEL NURSERIES

Three of the above trade-marks have been registered in the U. S. Patent Office.



Democracy

DEMOCRACY (Wiegand-Dahliadel 85E), FD, 1935, Bloom 9 x 6, Bush 4 ft. This variety can be grown for exhibition on the central branches of the bush and as a cut flower on the side or lateral branches. Strange as it may seem, the central branches produce blooms facing nearly upward almost as deep as they are in diameter with the petals opening back to the stem. In the garden, this variety resembles huge chrysanthemums at a little distance. The lateral blooms face the side and might be called yellow Jersey's Beauties as they are a deep primrose yellow shaded golden yellow. Strong straight stems, full centers, healthy foliage, an early and profuse-bloomer. These qualities along with a certificate at Storrs, 1934, should sufficiently recommend this dahlia.

Roots, \$5.00; Plants, \$2.50



FORMAL DECORATIVE DAHLIAS—Continued



Sanhican's Cameo

CHICK (Sbertoli 83E), Bloom 9 x 4, Bush 4½ ft. Primrose yellow with gold suffusions. This variety should be topped twice, eliminating possible poor centers on early blooms. Later blooms are large, well-formed, attractive and of good keeping qualities. .50

DR. JOHN CARMAN (Dixon 83E), Bloom 10 x 5, Bush 5 ft. A dahlia you will admire, as it is large and attractive, but not coarse. Color, Tyrian rose, shaded silver. Greatly improved if grown in partial shade, as this softens the coloring. A dahlia of exceptional growing and blooming qualities suitable for landscape work, and a good keeper when cut. Roots, .50; Plants, .50

EMANUEL'S BEAUTY (Mendosa 81E), Bloom 9 x 4, Bush 5 ft. The evenly formed, large, bold flowers are held erect on strong stems. Color is a pleasing combination of lemon yellow with scarlet suffusion. Bushes strong and rugged. Roots, .50; Plants, .50

FRANCIS LARocca (Rindfleisch 84C), Bloom 6 x 3, Bush 4 ft. Pale sulphur yellow, very satisfactory as a cut flower. Blooms profusely on good stems. Vigorous grower. .35

GRAF ZEPPELIN (Nolet 85C 84E), Bloom 8 x 4, Bush 7 ft. This dahlia will stand out as a sentinel in your garden as it is the strongest and tallest growing dahlia we offer with the exception of Jack's Bean Stalk. The large white flowers are regular in formation with centers full. Stems are very long and erect. Roots, .50; Plants, .50

HARRY MAYER (Reed 80E), Bloom 9 x 4, Bush 4 ft. A popular exhibition dahlia that holds an even, full center, has size, depth and strong stem. Bush grows sturdy but rather compact. Color, beautiful silvery pink with a rose pink reverse. An attractive and satisfactory dahlia. .35

JANE DIXON (F. & M. 85E), Bloom 8 x 4½, Bush 4½ ft. The contrast of large, high centered blooms of soft apricot buff, edged rose, on the massive, dark green foliage make an attractive picture in the garden or when cut. Stems are strong and erect. Roots, \$2.00; Plants, \$1.00

JANE HALL (Peacock 83C), Bloom 6 x 4, Bush 4½ ft. A full, high-centered Decorative with petals reflexing to stem and keeping well when cut. Blooms well above the foliage on stout stems. Color, buff yellow with bronzy suffusion. .25

MARYLAND GLORY (Maryland D. G. 84C 85E), Bloom 9 x 5, Bush 4 ft. A most satisfactory bloomer from early to late. Perfect blooms of Tyrian rose shaded crimson carmine are borne in profusion on good stems. An unusually distinctive color and popular variety. A fine strong grower. Roots, \$1.50; Plants, .75

MONA GOLD (Parker Hume D. G. 85C 85E), 1935, Bloom 9 x 6, Bush 5 ft. Apricot yellow lightly suffused soft peach red with a general appearance of old gold. This variety holds a wonderful form from early in the season until frost. Good keeping qualities, a profuse bloomer, excellent stems, and a

strong grower make it useful as a cut flower as well as for exhibition. Certified at East Lansing, 1934. Roots, \$5.00; Plants, \$2.50

PHANTOM (Berger) Long broad petals of deep violet purple with long white tips. Good bi-colors are few and far between and this one bids fair to fit into many gardens and show room classes. Bush is vigorous and stems strong. Plants, \$1.50

SANHICAN'S CAMEO (F. & M. 85E), Bloom 10 x 5, Bush 5 ft. A dahlia sufficiently different in coloring to justify its presence. Color, coral-rose shaded mallow pink on reverse, with golden sheen on face of petals, glowing beautifully under artificial light. Bush sturdy, stems long and erect. Blooms keep well for cutting and exhibiting. Roots, \$2.00; Plants, \$1.00

TREASURE ISLAND (Dahliadel 85C 86E), Bloom 10 x 5, Bush 5 ft. One of our brightest autumn shade dahlias. Color, bright apricot with gold and rose suffusion and shadings. Bush growth is strong, branches readily from the ground, giving four-foot stems. It has been a wonderful success especially in a dry season which this variety withstands. Disbud for first eight blooms according to Drawing Y, for the balance of the season according to Drawing X. This will bring the bush up to about five feet and the side branches will come to about the same height. This dahlia is a real winner on the exhibition table, especially in the Formal Decorative classes. Very desirable when not disbudded for a mass of color in landscape work. Roots, .75; Plants, .50

W. H. T. (McCarrol-Schling 84E), Bloom 9 x 5, Bush 6 ft. This pleasing variety is a shade not common in big dahlias, rich old rose or begonia rose with mauve shadings on the reverse of petals. It is a tall robust grower with strong stems. Petals are thick and of good substance, opening back to the stem, which is a very desirable feature in a dahlia of this type. Roots, .50; Plants, .50



FORMAL DECORATIVE DAHLIAS

Omar Khayyam

CHAUTAUQUA SUNSET (Wallace 82E), Bloom 10 x 5, Bush 3½ ft. Most pleasing in color as it is a blending of sunset shades, apricot shaded yellow and suffused coral red. Growing habits are good with strong, straight stems and dark green foliage. Roots, \$3.00; Plants, \$1.50

EASTERN STAR (Dahliadel 81E), Bloom 8 x 4, Bush 5 ft. Color, a saffron yellow with old gold shadings. Flowers of great substance and good keeping qualities, with full centers held on strong, erect stems. Excellent bush growth and free flowering. .50

EDWARD T. RINDFLEISCH (Rindfleisch 82E), Bloom 9 x 5, Bush 4½ ft. A bright scarlet. The imposing appearance is due mainly to the large, broad petals of the bright flowers held well above the foliage on strong, straight stems. Free bloomer. Roots, \$1.50; Plants, .75

JERSEY'S BEACON (Waite 84E), Bloom 9 x 4, Bush 4½ ft. Still the most spectacular of the Jersey family. Color, bright scarlet with a buff reflex, giving a two-tone effect. A free, early bloomer of massive proportions with sturdy stems. .35

OMAR KHAYYAM (Stout-Dahliadel 83C 85E), Bloom 10 x 5, Bush 6 ft. This much-admired dahlia received high score at Storrs in 1930. The unusual coloring is a Chinese red at the base of the petals, shading to a bright orange and tipped lighter, making a wonderful soft color effect. It is a tall, healthy grower, with strong foliage and a good root maker. Classified as a Formal Decorative, although the picture shows a number of petals of Informal formation. Roots, .75; Plants, .50

SANHICAN'S LAVENDER (F. & M. 84C), Bloom 7 x 4, Bush 5 ft. White with tips of petals faintly suffused orchid lavender, color deepening as flowers mature. Extremely free bloomer, flowers being carried high above the foliage on long straight stems. Extremely fine for cutting. Roots, \$1.00; Plants, .50



DAHLIADEL'S UNDEFEATED DISPLAY OF 1935

Won First at New York in the Largest Commercial Trade Exhibit Class in the Schedule (200 feet or more)

An almost identical display won First, and the Supreme Award, the Gold Medal of The Dahlia Society of New Jersey, at their Annual Show at New Brunswick.

The same display was awarded a Certificate of Merit at Camden.

Dahliadel also won First for Commercial Display at The Pennsylvania Horticultural Society Show at Norristown, Pa., with a different display which is not pictured.



GOLD MEDAL

CLASSIFICATION of DAHLIAS

American Dahlia Society

DEFINITIONS

Involute, turned inward, forward, or towards the face of the ray.

Revolute, turned outward, backwards, or towards the back of the ray.

Diameter, meaning maximum width, without regard to depth.

A. Large. Flowers more than seven inches in diameter.

B. Medium. Flowers three and one-half to seven inches in diameter.

CLASS I. Single Dahlias: Open-centered flowers, with only one row of ray florets, with the margins flat or nearly so, regardless of number of florets. For example, Newport Wonder, Scarlet Century.

B. Mignon. The plants do not exceed about eighteen inches in height. For example, Coltness Gem.

CLASS II. Orchid-flowering Dahlias: Flowers as in Single Dahlias except that the rays are more or less tubular by the turning inward of their margins. For example, Everest, Leopard, Buttercup.

CLASS III. Anemone Dahlias: Open-centered flowers, with only one row of ray florets, regardless of form or number of the florets, with the tubular disc florets elongated, forming a pin-cushion effect. For example, Ada Finch.

CLASS IV. Collarette Dahlias: Open-centered flowers with only one row of ray florets, with the addition of one or more rows of petaloids, usually of a different color, forming a collar around the disc. For example, Erica, Sofa, Géant de Lyon, San Mateo Star.

CLASS V. Peony Dahlias: Open-centered flowers with two and not more than five rows of ray florets, regardless of form or number of florets, with or without the addition of smaller curled or twisted floral rays around the disc. For example, Dahliadel Glory, Susan Coe. **A. Large. B. Medium.**

CLASS VI. Star Dahlias: Open-centered flowers, usually two to five inches in diameter, with two to five rows of

somewhat pointed rays, with more or less revolute margins. For example, Buckland Star, Leith Hill.

CLASS VII. Incurred Cactus Dahlias: Fully double flowers, with the margins of the majority of the floral rays revolute for one-half or more of their length and the rays tending to curve toward the center of the flower. For example, F. W. Fellows, American Triumph, and Lilac Glory. **A. Large. B. Medium.**

CLASS VIII. Straight Cactus Dahlias: Fully double flowers, with the margins of the majority of the floral rays revolute for one-half their length or more, the rays being straight or slightly recurved. For example, Ambassador, Miss Belgium, Golden Sonne. **A. Large. B. Medium.**

CLASS IX. Semi-cactus Dahlias: Fully double flowers, with the margins of the majority of the floral rays revolute for less than half their length and the rays broad below. For example, Satan, Amelia Earhart, Miss Elsie Jane. **A. Large. B. Medium.**

CLASS X. Formal Decorative Dahlias: Fully double flowers, with the margins of the floral rays slightly or not at all revolute, the rays generally broad, either pointed or rounded at tips, with outer rays tending to recurve and central rays tending to be cupped; all floral rays in a somewhat regular arrangement to the extent of having four or more recognizable rows of rays surrounding the center. For example, Jersey's Beauty, Buckeye Bride, Sagamore, Golden Eclipse, Treasure Island, Dr. John H. Carman. **A. Large. B. Medium.**

CLASS XI. Informal Decorative Dahlias: Fully double flowers, with margins of floral rays slightly or not at all revolute, the rays generally long, twisted or pointed, and usually irregular in arrangement. For example, Fort Monmouth, Jane Cowl, Kathleen Norris, Lord of Autumn, Spotlight, Murphy's Masterpiece. **A. Large. B. Medium.**

CLASS XII. Ball Dahlias: Fully double flowers, ball-shaped or slightly flattened, floral rays in spiral arrangement, blunt or rounded at tips and quilled or with markedly involute margins, the flowers more than three and a half inches in diameter. For example, Mary Helen, Jayseedee, Supt. Amrhy, Mrs. C. D. Anderson.

(Continued on Page 37)



DAHLIADEL RECOMMENDATIONS

of Large Flowering Dahlias

In response to many requests to recommend varieties for different sections and for color classes, we have prepared the following tabulation. The varieties are listed under color classes that we would recommend for exhibiting. The letters "N M S" give you an idea of the varieties that will come into bloom early for the North, stand dry winds in the Middle West, and stand up under the intense sunshine of the South. All varieties, including those without letter recommendations, can be grown successfully in New Jersey and in sections with similar growing conditions. The

letters "c e" will enable you at a glance to select varieties for cutting or for the exhibition table. All the varieties we grow are useful for the garden or landscape in one way or another.

c e—As explained on page 1, par. 4.

N—Northern Section of U. S. and Canada with a rather short growing season of 90 to 120 days.

M—Middle West and sections where summers are hot and dry.

S—Southern Section, season long, summer long and hot.

WHITE

| | | |
|-------------------|----|-------|
| Andrea Ericson | e | N M S |
| Eva Hunt | ce | N M S |
| Grace | c | N M |
| Graf Zeppelin | ce | M |
| Ida Perkins | ce | N M |
| Jersey's Dainty | ce | N M S |
| Royal White | ce | M S |
| Snowcap | c | N M S |
| Star of Bethlehem | e | N M |
| White Duchess | e | M |
| White Prolific | ce | N M S |
| White Wonder | e | |

YELLOW and CREAM

| | | |
|---------------------|----|-------|
| Ambassador | e | M S |
| Amelia Earhart | e | N M |
| Arelida Lloyd | ce | N M S |
| Charmer | ce | N M S |
| Dahliael Gold | e | N |
| Democracy | ce | N M |
| Francis Larocca | c | N M S |
| Frau Ida Mansfield | ce | N M S |
| Frau O. Bracht | ce | N M S |
| Golden Sonne | ce | N M |
| Golden Standard | c | N M S |
| H. R. S. | e | N M S |
| Jim Moore | e | N M S |
| Jugendpracht | ce | N M S |
| Kay Francis | e | N M S |
| King Midas | e | M S |
| Lady Moyra Ponsouby | e | N M |
| La Fiesta | e | S |
| Lincoln G. Dickey | e | N M |
| Lord of Autumn | e | N M S |
| Mona Gold | ce | N M S |
| Monmouth Queen | e | N M |
| Mrs. Bruce Collins | ce | N M S |
| North's Yellow | ce | N M S |
| Pot O'Gold | e | M S |
| Pride of America | ce | N M S |
| The Commodore | e | N M |
| Treasure Chest | ce | N M |
| Waldheim Sunshine | e | N M S |

ORANGE, BUFF and BRONZE

| | | |
|-------------------|---|-------|
| Achievement | e | |
| California Beauty | c | N M S |

| | | |
|---------------------|----|-------|
| City of Cleveland | e | N M S |
| City of Trenton | e | N M S |
| Color Sergeant | ce | N M |
| Derrill W. Hart | e | N |
| Dixie Ravenscroft | e | N |
| Edna Ferber | ce | N M |
| Elite Sport | e | M S |
| Eliza L. Shepard | e | N |
| Forest Fire | e | N M S |
| F. W. Fellows | e | M S |
| Girl of Hillcrest | e | N M |
| Iroquois Sunbeam | ce | N M S |
| Jane Cowl | ce | N M S |
| Jessica Dragonette | e | N M S |
| Minnora | e | N M S |
| Myra Howard | e | M S |
| Old Hickory | e | N M S |
| Omar Khayyam | e | M S |
| Palo Alto | e | M S |
| Rudy Vallee | e | M S |
| Sultan of Hillcrest | e | N M S |
| Treasure Island | ce | N M S |

RED, CRIMSON and MAROON

| | | |
|----------------------|----|-------|
| Aiko | e | N |
| American Triumph | e | N |
| Anna Benedict | ce | N M S |
| Bagdad | e | N M |
| Conservatrix | e | N |
| Dwight W. Morrow | e | N |
| Elite Glory | e | |
| Fort Monmouth | e | N M S |
| Good Night | e | M S |
| Jersey's Beacon | e | N M S |
| Karl Bonawitz | e | N M S |
| Kentucky Red | e | N M S |
| Margrace | e | N M S |
| Maryland Glory | ce | N M S |
| Monmouth Champion | e | N M |
| Murphy's Masterpiece | e | N M |
| Robert Emmet | ce | N M S |
| Satan | e | N M |
| The Universe | e | N M S |
| The World | e | N M S |

PINK, SALMON and ROSE

| | | |
|---------------------|----|-------|
| Alice in Wonderland | e | N |
| Cavalcade | ce | N M S |

| | | |
|-----------------------|----|-------|
| Dorcas Ann | ce | N M S |
| Dorothy Stone | e | N M S |
| Dr. John Carman | e | N |
| Elinor M. Radell | ce | N M S |
| Emma Marie | c | N M |
| Jersey's Beauty | ce | N M S |
| Josephine G. | ce | N M |
| Judge Samuel Seabury | e | N M |
| Kareol | | N |
| Kathleen Norris | e | N M |
| Kentucky | ce | N M S |
| Margaret W. Wilson | e | N |
| Miss Elsie Jane | ce | N M S |
| Mr. C. H. Dresselluys | c | N M S |
| Mrs. Herbert O'Connor | ce | N M S |
| Panhandle Pink | c | N M S |
| Paul Pfitzer | ce | N M S |
| Ray Warner | ce | N M S |
| Sanhican's Cameo | e | N M S |
| Shahrazad | e | M S |
| W. H. T. | e | N M S |

LAVENDER, VIOLET ROSE and MAUVE

| | | |
|-----------------------|----|-------|
| Clara Barton | e | N M S |
| Dorothy Duke | c | N M S |
| Grace Curling | ce | N M |
| Lilac Glory | ce | N M |
| Marian Broomall | e | M |
| Mary Ellen | e | N M S |
| Meadowbrook | e | M S |
| Mrs. I. de Ver Warner | e | N M S |
| Warren Church | e | M S |

PURPLE and VIOLET

| | | |
|----------------------|---|-------|
| Ella May | e | N M S |
| Hunt's Velvet Wonder | e | M |
| Jean Trimbee | e | N M |
| Kemp's Violet Wonder | e | N M S |
| Thomas A. Edison | e | M S |

BI-COLOR

| | | |
|-----------------|----|-------|
| Alice Stellick | e | N |
| Ballego's Glory | ce | N M S |
| New Glory | e | M S |



PEONY DAHLIAS

MRS. FRANCES E. BULLARD (Broomall 82E), Bloom 9 x 4, Bush 4½ ft. The petals are long, pointed and gracefully twisted, forming a very distinct flower of a clear silvery or pastel pink, shading lighter at the center. Early blooms may have full centers. Plants, .50

THE U. S. A. (Stillman 78E), Bloom 8 x 4, Bush 5 ft. An old dahlia but a good seller. Color, a vivid orange. An early, free bloomer. Plants, .50

BALL DAHLIAS

CAROLYN BALL (Berwick D. G. 84E), Bloom 5½ x 4, Bush 3 ft. Large, deep evenly formed flowers on strong, erect stems. Described as a Neyron rose with mauve shadings. Unusual and appealing. A good pink to add to your collection of ball dahlias for exhibition. Roots, \$1.00; Plants, .50

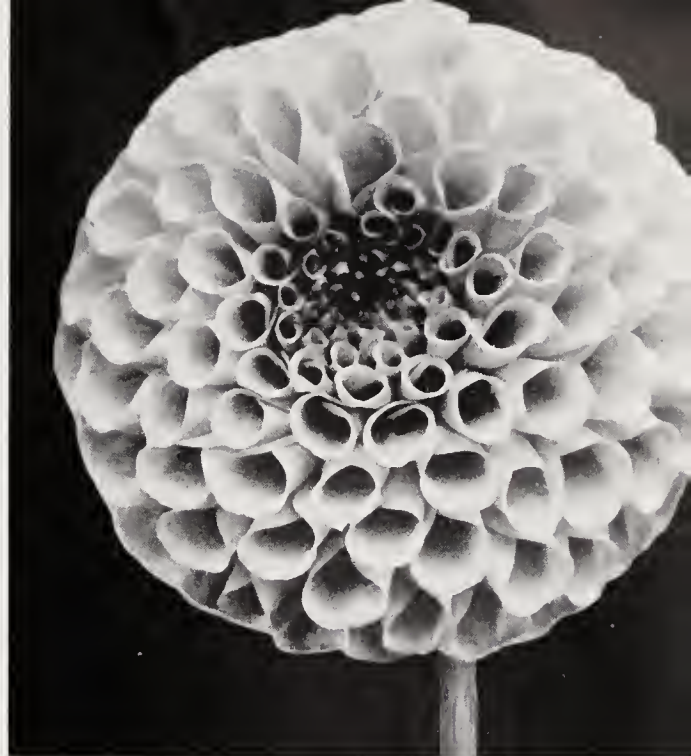
DRAUDE (Draude 80E), Bloom 5 x 4, Bush 4½ ft. An exceptionally good dark red of perfect form. Bush rather dwarf with nodes close. Stems are normally erect and of good length when disbudded. .25

JAYSEEDIE (Draude 85E), Bloom 4½ x 3½, Bush 4½ ft. A beautiful ball-shaped dahlia of soft red-dish violet striped and speckled rich red. Bush compact, but fine stems can be produced by disbudding. A winner on the exhibition table. Roots, .75; Plants, .50

MARY HELEN (Alling 85E), Bloom 4½ x 3½, Bush 5 ft. A welcome addition in this type. Color, deep canary yellow. The plants are vigorous and produce quantities of well-formed blooms on good stems. Very desirable and a winner on the exhibition table. Roots, .75; Plants, .50

MRS. C. D. ANDERSON (85E), Bloom 5 x 3½, Bush 4½ ft. A rosy magenta ball of good size with strong stems. Bush growth is strong and rugged. Its perfect form makes it a winner on the exhibition table. .50

SUPT. AMRHYN, (85E), Bush 4½ ft. One of the most perfect of its type for exhibiting. It is a beautiful Tyrian pink that has been very popular wherever displayed. A strong grower with long erect stems and healthy foliage. However, we have been several years building our stock of this variety. Plants, .50



Mary Helen

CLASSIFICATION OF DAHLIAS

(Continued from Page 35)

CLASS XIII. Miniature Dahlias: All Dahlias which normally produce flowers that do not exceed three and one-half inches in diameter, pompons excluded, to be classified according to the foregoing definitions. For example, Little Jewel, Miniature Formal Decorative; Rhoda, Miniature Informal Decorative; Bishop of Llandaff, Miniature Peony; Baby Royal, Miniature Semi-cactus; Teddy Johnson, Miniature Ball.

CLASS XIV. Pompon Dahlias: Having same characteristics as Ball Dahlias, but, for show purposes, not more than two inches in diameter. For example, Johnny, Nerissa, Little Edith, Bob White, Yellow Gem, Honey.

AMERICAN DAHLIA SOCIETY OFFICIAL SCORE CARD

Designed by Warren W. Maytrott

NAME.....Type.....

Originator

Each column represents basic perfection. Deduct in each case for less than perfection.

| Com- Small | Exhi- mercial | Exhi- bition | Landscape | CLASSIFICATION |
|-------------------|------------------|-----------------|---|----------------|
| 20..... | 20..... | 20..... | Color—Clean - Attractive - Useful Burns - Fades - Dull | |
|15..... | 15..... | 20..... | Form—Artistic - Uniform - True to type Ordinary - Deformed | |
| S..... | S..... | S..... | Distinctive in Form or Color | |
| 0..... | 0..... | 10..... | Size x Diameter x Depth | |
|20..... | 20..... | 20..... | Stem—Strong - Erect - Long - Graceful Weak - Crooked neck - Crotchky | |
|20..... | 15..... | 20..... | Foliage—Healthy - Leathery - Insect- resistant - Attractive - Weak | |
|10..... | 15..... | 5..... | Substance—Back good - Petals firm | |
|10..... | 10..... | 0..... | Floriferousness (Field judging) | |
|[]..... | []..... | | Uniformity (Bench judging) | |
| S..... | C..... | E..... | Total Score. Bush height.....Ft. | |
| Insect damage | | | | |
| Color description | | | | |



Buttercup (Dahliadel)

ORCHID FLOWERING DAHLIAS

This type of dahlia is one of the most interesting and is popular for landscape effects, gardens, table arrangements and dainty decorations. The bushes are compact, free branching, and exceedingly prolific bloomers. Most of the flowers are 4 to 5 inches in diameter, and bushes are 2 to 3 feet in height. They do wonderfully well when pinched out for landscape effect, but should not be thinned out nor disbudded. If orchid flowering or single dahlias are cut before the pollen shows, they will hold their petals and keep for days.

DAHLIADEL INTRODUCTIONS

DAHLIADEL TWINKLE, the Sensational Orchid Flowering Variety for 1936, see page 7.

BUTTERCUP (Dahliadel 88), Bloom 4 inches, Bush 2 ft. A fine addition to the orchid family and ideal for the garden or landscape as the bush is a healthy grower, low branching, and full of perfectly formed, graceful flowers from early in July until frost. Stems are strong and erect and flowers will keep for days when used in arrangements for which they are very artistic and dainty. Color, light buttercup or lemon yellow. **Roots, .75; Plants, .50**

VESPER (Dahliadel 86), 1935, Bloom 4½ to 5, Bush 3 ft. Color is white heavily suffused Tyrian rose. The stems are long and erect and the bush compact. Very showy for landscape work and arrangements. An early and a profuse bloomer.

Roots, \$1.00; Plants, .50

GENERAL COLLECTION

BEAVER. Deep crimson carmine with white shadings on face of petals.

CITRONELLA. Clear canary yellow ground with crimson carmine reverse. A charming flower.

DAHLIADEL NURSERIES



EVEREST. Pure white throughout. Long, graceful, recurving florets. Good size.

MAVIS. Light lilac ground, with deep, reddish purple reverse.

POLLY. Sunflower yellow ground. Carmine lake reverse.

RUBY. Light ground shaded with Tyrian rose. Deep Tyrian rose reverse.

Roots, .50; Plants, .35

1 Root Each of the General Collection \$2.00

COLLECTION of 1 each of above 8 varieties, including Buttercup and Vesper.

Roots, \$3.25; Plants, \$2.25

DAHLIA SEED

Sow in flats or frames in early spring in light soil, cover the seed not more than one-fourth inch about the same as you would tomatoes, when first pair of leaves are well developed transplant into small pots or flats and grow in cool temperature until they can be planted in the garden. Should they get too large, pinch back and shift to larger pots or replant in flats giving them more room.

DAHLIA SEEDLINGS in general do not come true to their parentage, but do usually show some resemblance either in form, color or bush growth. Do not expect to grow seedlings of a named variety and produce the same variety.

DOUBLE MIXED JERSEY SEED. We are again offering Jersey grown seed saved from the best Decorative and Cactus varieties in our trial patch. This seed should give you a good percentage of double blooms. **35 Seed, \$1.00; 100 Seed \$2.50**

COLLARETTE SEED (mixed) saved from the five collarette varieties listed on Page 42, in mixture.

35 Seed, .50; 100 Seed, \$1.00

MINIATURE BABY ROYAL SEED. Seed of this variety usually produces dwarf bushes with blooms mostly light colored. **25 Seed, .50**

MINIATURE BISHOP OF LANDAFF SEED. Seed of this variety usually produces dwarf bushes, mostly orange to red duplex blooms with considerable dark foliage. **25 Seed, .50**

MINIATURE DAHLIADEL SPECIAL SEED. This is the finest strain of seed we have ever grown, as it produces a large percentage of full-centered flowers and holds consistently to the miniature types. **25 Seed, \$1.00**

MINIATURE DOUBLE MIXED SEED. This mixture is made up of seed of named miniature varieties. **25 Seed, .50**

MERCKI SEED As this variety is a specie, seedlings can be grown with reasonable certainty of reproducing true to form. We are, therefore, offering a limited amount of seed. **35 Seed, .50**

ORCHID FLOWERING SEED produces orchid flowering dahlias consistently for us, with some type and considerable color variations.

35 Seed, .50; 100 Seed, \$1.00

POMPON SEED saved from our best pompon varieties. This will give you a large percentage of pompon dahlias. **35 Seed, .40**

SINGLE SEED will produce a great number of seedlings true to type and can be used very satisfactorily for a mass of mixed colors. They should be planted close for this effect. **50 Seed, .40**



PINK PEARL and TINY

CULTURE—Miniature dahlias need no disbudding, very little, if any, pruning and can be planted closer than the larger varieties for landscaping. They should not be heavily fertilized or overwatered, but grown rather poor the same as pom pons.

These miniature types are especially adaptable to use in the home, and are attractive in landscape work such as borders, hedges, or for mass plantings, and a few of the real dwarf varieties are suitable and effective in rock gardens.



MINIATURE PEONY DAHLIAS

BISHOP OF LANDAFF (86S), M. P., Bloom 3 x 1½, Bush 4 ft. This is an unusual and attractive flower, petals being bright scarlet with a center of deep garnet. Foliage is lacy of a reddish bronze color. Wonderful for landscape effects and home arrangements. Very popular as a cut flower.

Roots, .50; Plants, .50

LILLIAN COURTNEY-PAGE (80S), M. P., Bloom 3 x 1, Bush 3½ ft. Bloom is scarlet orange, making a bright spot in the garden. It is a strong grower and has good stems for cutting. .75

MERCKI, M. S., Bloom 1, Bush 1 ft. This novel low-growing variety is interesting and useful for borders and garden planting. Its richly colored, fern-like foliage may be used effectively as fern or other foliage in artistic arrangements of all smaller dahlias. The blooms are secondary of pale lavender with purple centers. Plants, .35

MURIEL, M. D., (80S), Bloom 4 x 2, Bush 4 ft. Old rose, center of each petal striped apricot. Flowers have full centers and are held on excellent stems. .50

PINK PEARL, M. P., (85S), Bloom 2½, Bush 1½ ft. Lovely rose pink, showing a golden eye. Petals curl and twist like an aster. The low compact bushes make it very desirable in landscape planting, and useful for cutting and arrangements.

Roots, \$1.00; Plants, .50

RAIDER, M. P., (83S), Bloom 3 x 1½, Bush 2½ ft. Soft violet rose suffused yellow at base of petals, which are pointed and twist and curl in a charming manner. A robust grower. Stems are graceful. .50

RHODA, M. P., (83S), Bloom 3½, Bush 2 ft. Buttercup yellow shaded russet orange. Useful for low effects in landscape planting. Continuous bloomer throughout the season. .50

TINY, M. P., (85S), Bloom 3, Bush 1½ ft. The dwarf symmetrical bush and free blooming qualities, along with its bright coloring and artistic and airy formation, make it one of the most desirable for low landscape effects. Color, yellow base suffused apricot. Beautiful for arrangements, and fine for cutting. Roots, \$1.00; Plants, .50



POTASH FED DAHLIAS

"Potash Fed Dahlias" is not a secret or just a trade name, but a modern method of growing dahlias so that they are literally alive with energy, assuring you of success. In South Jersey with its long growing season, well ripened stock can be produced that will give the best possible results. We have found that dahlias grown in light soil for a period of from one to three years will do wonderfully well when moved to heavier soil conditions with no time lost for acclimation.

The application of Potash in combination with the other elements necessary for proper plant growth (See "Fertilizer"), accompanied by the following conditions, will produce Potash Fed Dahlias: **First.** Cultivation to aerate and sweeten the soil to keep the plant in a steady, healthy growing condition. (See "Cultivation"). **Second.** Watering when necessary to make and keep the plant food available at all times. (See "Irrigation"). **Third.** Most important of all is the health of stock from which your plants or roots were grown. This condition has its direct effect on the results obtained; for an unhealthy plant, whether stunted or diseased, cannot take up potash, or any other element of plant food, in sufficient quantities while in this debilitated condition. Hence, unhealthy or diseased plants cannot be "Potash Fed" even if grown in the midst of plenty.



Dahladel Joy

MINIATURE CACTUS and SEMI-CACTUS DAHLIAS

BABY ROYAL (West 86S), Bloom 3 x 2, Bush 3 ft. A gem for any garden of salmon pink shaded apricot with yellow at base of petal. Winner of several awards as best foreign dahlia.

Roots, \$1.00; Plants, .50

COMRADE (83S), Bloom 4 x 1½, Bush 4½ ft. A pleasing garden variety of a delicate violet rose with flesh shadings supplying a neutral tone suitable for arrangements with brighter colors. Low branching habit with good stems and very prolific. .50

DAHLIADEL JOY (Dahladel 85S), 1935, Bloom 3½ x 2½, Bush 3½ ft. One of the most attractive small dahlias we grew in 1934. It is artistic and uniform, and blooms profusely on long stems without any disbudding. In fact, with disbudding this dahlia will grow to 5 inches or more. It is a wonderful keeper with perfect, full centers until frost. Color, a clear lemon yellow. Popular with florists. Certified at East Lansing, 1935.

Roots, \$1.50; Plants, .75

GAILLARD (80S), Bloom 4 x 1, Bush 3 ft. This attractive bright red of perfect form was very popular in our gardens. Good stems, habit of growth and a compact bush. A red that will grace any garden. .50

KITTY BELLAIR (84S), Bloom 3½ x 1, Bush 4 ft. Its perfect form, free flowering and robust growing habits make this dahlia very desirable. Color is rich amaranth red.

Roots, .75; Plants, .50

SANHICAN'S SWEETHEART (F. & M. 85S), Bloom 3½ x 2, Bush 2 ft. An artistic and useful novelty. Color, ochreous buff, suffused rose red which is a fine companion for Baby Royal. Low growing bushes always covered with blooms.

Roots, .75; Plants, .50



Baby Beauty, Kentucky Babe and Paddy

MINIATURE FORMAL DECORATIVE DAHLIAS

BABY BEAUTY (Dahladel 85S), 1934, Bloom 3½ x 2, Bush 5½ ft. As the name implies, this is a small Jersey's Beauty on strong, erect stems, possessing all the good qualities of the variety it so closely resembles with better branching habits. Color, violet rose, shaded bright rose pink. This dahlia will make a hit in any flower shop.

Roots, \$1.00; Plants, .50

BLUEBIRD (Peck 84S), Bloom 3½ x 2½, Bush 3½ ft. This dahlia is unique and different in its coloring, being the nearest to blue in the small dahlias. Color is bluish lavender.

Roots, .50; Plants, .50

CAMELLIA (84S), Bloom 3 x 1, Bush 2½ ft. Bright orange flame; centers usually full. The brilliant color and good keeping qualities make this miniature popular.

Roots, .50; Plants, .50

CORONNE (85S), Bloom 3 x 1½, Bush 2 ft. This unique Miniature resembles a gardenia and is the best white we have seen. Stems and foliage are excellent.

Plants, .50

FAIRY (Dayton D. G. 85S), Bloom 3½ x 2½, Bush 4 ft. Described as a miniature Jersey's Beauty but lighter in color. A violet rose shading mauve at tips. A very early and continuous bloomer that keeps wonderfully well when cut.

Roots, \$1.00; Plants, .50

GOLDINA (Schone 83S), Bloom 4 x 2, Bush 3 ft. A fine, uniform variety for cutting. A beautiful mal-low pink with strong, erect stems. Bush is a good healthy grower. Good keeping qualities should make it a great favorite.

Roots, .50; Plants, .50

JERRY (Dahladel 84S), 1934, Bloom 3½ x 2, Bush 4½ ft. Color, coral red, lightly suffused carmine. Bright and showy, and very effective in landscape or arrangements with the autumn shades, but not very good with pinks. A strong grower, prolific, blooms early, and good until frost. .50

KENTUCKY BABE (Dahladel 85S), 1934, Bloom 3 x 2, Bush 5½ ft. The resemblance of this dahlia to Kentucky prompted the name. One of the best of our Miniatures, and its wonderful commercial qualities already assure its popularity and desirability for use as a cut flower. Color, salmon suffused and edged old rose.

Roots, \$1.00; Plants, .50



Jean

MINIATURE FORMAL DECORATIVE DAHLIAS—Cont.

LITTLE JEWEL (85S), Bloom 2 x 1, Bush 3 ft. This is one of the original, full centered pink Miniatures. It blooms freely in light soil. We recommend using ashes when grown in heavy soil. .35

LITTLE NEMO (Chase 86S), Bloom 4 x 2, Bush 4 ft. A striking crimson uniformly tipped white which is uncommon in bi-colors. Very pleasing and regular form but sometimes grows too large for the Miniature class. However, it is very popular wherever grown, as the blooms are very beautiful.
Roots, \$2.00; Plants, \$1.00

MIRTH (Nuneviller-Dahliadel 85S), 1935, Bloom 3 x 2, Bush 4½ ft. A lively orange scarlet of an even color that does not fade. A shade that appeals to the ladies. Normally, this flower grows small enough to keep well under the 3½-inch mark with centers always full. Bush is healthy and rugged, stems long and erect. This variety should become popular on the show table as it is always uniform in size, form and color. Certified at Storrs, 1935.

Roots, \$1.50; Plants, .75

PADDY (Dahliadel 84S), Bloom 2½ x 1½, Bush 3 ft. One of the most incessant blooming dahlias we grow. Bushes are literally covered with blooms from early season until frost with centers full to the end. Color, flesh ground, heavily suffused deep rose pink. No disbudding needed. Roots, .50; Plants, .50

RED HEAD (Peck 86S), Bloom 3 x 1½, Bush 3 ft. A dahlia which is pleasing in appearance, and a fine keeper. Color, scarlet orange, with blooms facing up on nice stems.

Roots, .50; Plants, .50

SKIPPY (Dahliadel 85S), Bloom 3 x 1, Bush 4 ft. This attractive little flower is white tipped crimson carmine, with Tyrian rose shadings. Full centers, long erect stems, and profuse bloomer. A. D. S. Certificate.

Roots, .50; Plants, .50

TEDDY JOHNSON (84S), M. B., Bloom 3½ x 1½, Bush 3 ft. White suffused and tipped Tyrian rose. On good stems. Blooms uniform. .35

TRICOLOR (84S), Bloom 3 x 1, Bush 4 ft. Similar in every way to Skippy except that the color is yellow, tipped and shaded cardinal, with yellow petals.

Roots, .50; Plants, .50



Rapture

MINIATURE INFORMAL DECORATIVE DAHLIAS

AGALIA (84S), Bloom 3½ x 1, Bush 2 ft. Soft apricot with rosy scarlet shadings. Compact grower, making it desirable for border planting as well as cutting. Stems erect. Centers full.

Roots, .75; Plants, .50

BABY BUNTING (Dahliadel 83S), 1934, Bloom 4 x 2, Bush 4½ ft. A combination of violet rose shading to golden yellow at base of petals. Flowers are very artistic with pointed, wavy petals, holding a full center most of the season. Colorful in the garden. .50

JEAN (Dahliadel 85S), 1934, Bloom 3½ x 2, Bush 3½ ft. One of the most artistic little Informal Decorative or Semi-Cactus dahlias we have ever grown. Color apricot buff, suffused soft lilac rose. Bush strong, and a compact grower. A beautiful dahlia, similar to the larger flowered variety, California Beauty. A free, early bloomer, and very satisfactory. You can cut bouquets from one bush two or three times a week from the middle of August until frost.

Roots, \$1.00; Plants, .50

NESTHAKCHEN (Engelhardt 83S), Bloom 4 x 2, Bush 2½ ft. Color, buff suffused soft lilac. An artistic Miniature where pastel shades are desired. Free flowering and good growing habits.

Plants, .50

RAPTURE (Dahliadel 86S), 1935, Bloom 3 x 1½, Bush 4½ ft. A very artistic Informal Decorative which is a quick, robust grower with excellent stems, making each bush a bouquet of itself in the garden. When allowed to branch will produce almost hundreds of blooms of miniature size, but disbudded should produce blooms 5 inches. Keeps well when cut. Color, rose pink shading to sulphur yellow at center with a gold suffusion. Certified at Storrs and E. Lansing, 1935, and was so marvelous in Georgia they report that this is the variety that makes the men like little dahlias.

Roots, \$1.50; Plants, .75



Anemone

Single

Collarette

ANEMONE DAHLIAS

ADA FINCH (Wouters 83), Bloom $3\frac{1}{2}$, Bush $2\frac{1}{2}$ ft. A fine bedding or border dahlia; free, early and profuse. This creamy white flower differs from the Century type by having small quilled petals of the same color covering the entire center. Plants, .50

COLLARETTE DAHLIAS

ERICA (Ballego 85), Bloom $4\frac{1}{2}$, Bush 3 ft. Deep amaranth red, almost black. Collars of same tone with white tips. Unusual and striking for floral arrangements. Roots, .75; Plants, .50

FILLE (85), Bloom 5, Bush 4 ft. A most attractive Collarette. Bright yellow with self colored collar. Fine stems, and outstanding as a good keeper in the garden or in the show room. Plants, .50

FRANK HARRIS (86), Bloom 4, Bush 3 ft. Bright red with a very long red and cream collar. A good grower and very striking. Plants, .50

MITZI (Dahliadel 85), 1934, Bloom $4\frac{1}{2}$, Bush 4 ft. A seedling of Geant de Lyon that is very unique and showy. Color, crimson carmine shading to primrose yellow at center and edged white. Bushes branch and bloom freely, stems erect. Flowers keep well on bush or when cut. A robust grower. Roots, \$1.00; Plants, .50

SOFA (Vilmore 84), Bloom 3, Bush 2 ft. Soft scarlet with pale lemon collar. Its strong bushes and profuse blooming qualities make this striking variety very desirable for landscape effects and arrangements. Plants, .50

SINGLE DAHLIAS

AUTUMN CENTURY (Bassett 76), Bloom $4\frac{1}{2}$, Bush 5 ft. A beautiful autumn tint, delicate madder lake, shading yellow at center. .25

DORIS (84), Bloom 4, Bush 4 ft. Deep velvety carmine, heavily tipped pure white. A truly spectacular color combination. Bushes are semi-compact, making a nice appearance in the garden. Growing habits and stems ideal. .25

FRAGRANCE (Peacock 84), Bloom $2\frac{1}{2}$, Bush 2 ft. A very attractive and artistic bi-color. Petals are pure white, with a broad margin of bright carmine. This makes an ideal border variety, as the stems are slender but erect, and the foliage is fernlike or serrated. Plants, .35

GARNET POINSETTIA (Peacock 84), Bloom 7, Bush 6 ft. Rich, glowing garnet with a brilliant, glistening sheen. Large blooms of poinsettia form are held on long, stiff stems on strong plants, producing profusely. .25

JAMES WELLER (Peacock 84), Bloom 6, Bush $5\frac{1}{2}$ ft. Effective because of its color combination of rich golden yellow with central zone of each petal soft rosy red. Large, well-formed blooms are held erect on long, stiff stems. Early and continuous blooms. .35

LOIS (Dahliadel 85), Bloom 5, Bush 5 ft. This charming pink Single attracts much attention and is one of the best keeping of its type. The deep golden yellow center adds much to the beauty of the flower. Stems are ideal, both in the garden and for decoration. .50

NEWPORT WONDER (Robertson 84), Bloom 6, Bush $5\frac{1}{2}$ ft. A very popular and artistic dahlia. Petals pointed and slightly twisted. Color, rose pink with gold suffusion. Roots, .50; Plants, .35

PEQUOT YELLOW (Wakeman D. G.). A very large clear yellow that is especially fine for exhibiting. Good habits of growth and a variety which is very popular. Plants, .50

SAMBO. Bloom $2\frac{1}{2}$ in., Bush $2\frac{1}{2}$ ft. Dark red, very free flowering and early. Comes to us as an English Single but is really a fine Miniature Single for the exhibition table and useful for arrangements. Plants, .50

SCARLET CENTURY (Peacock 80), Bloom 5, Bush 5 ft. Bright, glowing scarlet on erect stems. Good grower, free bloomer, with petals evenly placed. .35

TANGO (Dahliadel 79), Bloom $5\frac{1}{2}$, Bush 6 ft. A lively autumn tint, cadmium yellow, shaded scarlet orange. .25



Bob White

Collection A, 6 Pompons

Mickey

POMPON DAHLIAS

- AIMEE** (Boston 84), Bloom $1\frac{1}{4}$, Bush $2\frac{1}{2}$ ft. A popular tiny orange cadmium shaded apricot on long stems. .25
- ATOM** (Edymel 86), Bloom $1\frac{1}{4}$, Bush $2\frac{1}{2}$ ft. One of the best early and profuse bloomers of perfect form. Color, fiery red. .35
- BOB WHITE** (Dahliadel 85), Bloom $1\frac{1}{2}$, Bush 2 ft. Milk white having just a cast of yellow when opening. Bush is low and spreading, with blooms on long stems. Ideal for bedding as well as the right form for exhibiting. Note picture above. .25
- BRONZE BEAUTY** (78), Bloom $1\frac{3}{4}$, Bush 3 ft. Beautiful golden apricot. A free bloomer good for cutting. .25
- DARKSOME** (Alexander 80), Bloom $1\frac{3}{4}$, Bush $4\frac{1}{2}$ ft. Dark red or maroon on long stems. .25
- DOT** (Dahliadel 86), Bloom $1\frac{1}{2}$, Bush $3\frac{1}{2}$ ft. A pure white Pom on perfect stems. A strong grower and an early bloomer. As a cut flower for decorating or in the garden, Dot is the best white Pompon so far introduced. Plants, .35
- ELIZABETH** (82), Bloom $1\frac{1}{2}$, Bush $2\frac{1}{2}$ ft. Lemon yellow, heavily tipped carmine. Fine form and good stems. .25
- EUREKA** (82), Bloom $1\frac{3}{4}$, Bush $3\frac{1}{2}$ ft. Yellow cadmium with carmine shadings at tips, with occasional white petals. Some flowers all-white. Can be rightly called variegated. .25
- GOLDILOCKS** (Seal 85), Bloom $1\frac{1}{2}$, Bush $2\frac{1}{2}$ ft. Gold deepening at center. Flowers well formed with full centers. Good for exhibiting and cutting. .35
- HELEN ANITA** (86), Bloom $1\frac{3}{4}$, Bush $2\frac{1}{2}$ ft. A beautiful lilac with a lighter reverse and white center. Very attractive and good for cutting. .35
- HONEY** (Farnum-F. & M. 86), Bloom $1\frac{1}{4}$, Bush 3 ft. Primrose yellow with faint suffusion of red on edge of petals. Free flowering on long stems. .35
- JACK** (Dahliadel 86), 1934, Bloom $1\frac{1}{2} \times 1\frac{1}{4}$, Bush $2\frac{1}{2}$ ft. Color, purple garnet. Compact, low-growing, symmetrical bush of dark green, supplying tone and richness among light flowers. Blooms perfectly formed throughout the season, and an incessant bloomer. Reminds one of Johnny but has a better bush and stronger stems. Cert. at East Lansing, 1934. Roots, .50; Plants, .50
- JESSICA** (Turner 83), Bloom $1\frac{1}{2}$, Bush 3 ft. Yellow tipped red. Very free and early bloomer with good stems. .25
- JILL** (Dahliadel 84), Bloom $1\frac{1}{2} \times 1$, Bush $1\frac{1}{2}$ ft. Color, lemon yellow margined carmine. A bright, colorful variety that is a suitable garden companion for Jack. Blooms small and uniform. Bush also dwarf, suitable for landscape effect and borders, although the stems are plenty long enough for cutting and arrangements. .50
- JOHNNY** (88), Bloom $1\frac{1}{4}$, Bush 3 ft. One of the most perfect and smallest dark red or maroon dahlias grown. .35
- LITTLE DAVID** (Twitchett 85), Bloom $1\frac{1}{2}$, Bush 3 ft. A small, perfectly formed russet orange pom. Free bloomer and fine for cutting and exhibiting. .25
- LITTLE EDITH** (88), Bloom $1\frac{1}{4}$, Bush $3\frac{1}{2}$ ft. As perfect a Pom as you can wish for, either in the garden or show room. Color, primrose yellow, tipped bright carmine. .25
- MICKEY** (Dahliadel 85), Bloom $1\frac{3}{4}$, Bush $2\frac{1}{2}$ ft. This dahlia produces suitable length stems for cutting even though the bush is dwarf and compact, making it especially desirable for border planting. Color is yellow heavily tipped and shaded crimson. Uniform blooms, centers full. Plants, .50
- MIDGET** (West 80), Bloom $1\frac{1}{2}$, Bush 3 ft. Salmon suffused with violet. Good form. .35
- MIKE** (Boston 84), Bloom $1\frac{1}{2}$, Bush $2\frac{1}{2}$ ft. Color, bright burnt orange, shading lighter at the outer petals. Attractive, and a profuse bloomer. .25
- ROSEA** (Keynes 84), Bloom $1\frac{3}{4}$, Bush $2\frac{1}{2}$ ft. Perfect form for exhibition. Rosy lavender. Small and distinctive. Plants, .35
- SNOWCLAD** (78), Bloom $1\frac{1}{2}$, Bush 3 ft. One of the best all-around pure whites. Free, early bloomer. .25
- SUNNY DAYBREAK** (Keynes 85), Bloom $1\frac{1}{2}$, Bush 3 ft. Lemon yellow, heavily tipped cardinal. Flowers of good form. .25
- YELLOW GEM** (McWhirter 84), Bloom $1\frac{1}{2}$, Bush 3 ft. Clear canary yellow, of fine form. .25



FREE ROOT OFFER

On retail orders for dahlia roots and plants from this catalog, except collections and special offers, you may select complimentary roots as follows: On each dollar you are allowed 25c toward any variety listed below. For example, on an order of \$3.00 worth of roots or plants you may select \$1.50 worth from the following list free, or a \$2.00 variety by paying 50c additional. Double value is not allowed when selecting free roots. Mention second choice as season advances, whether buying from this page or taking advantage of free offer, as stock of some varieties is limited.

VARIETIES FOR FREE ROOT OFFER

| | | | |
|---------------------|------|-------------------|------|
| Alice in Wonderland | 2.00 | Myra Howard | 1.50 |
| Bagdad | .50 | Sanhican's Queen | .50 |
| City of Trenton | .50 | The Commodore | 1.00 |
| Derrill W. Hart | .50 | | |
| Elite Sport | 2.00 | POMPONS | |
| Fordhook Emperor | .35 | Bob White | .25 |
| Harry Mayer | .35 | Goldilocks | .35 |
| Jim Moore | .50 | Little Edith | .25 |
| Josephine G. | .50 | | |
| Kathleen Norris | .75 | MINIATURES | |
| Kentucky | .50 | Paddy | .50 |
| | | Raider | .50 |

ODD LOTS

SPECIAL OFFER

In the testing of hundreds of varieties each year, we have considerable stock, that we feel might be of use to our customers, of varieties that are good in some sections of the country and possibly temperamental in others. Some like light soil, others heavy, and so on. Some of these dahlias you may have seen doing very well in your particular locality. Other varieties are listed here because of limited stock.

WHEN BUYING FROM ODD LOTS you may select double value. For example, when ordering a \$1.00 variety, you may select another of equal value free. A \$1.00 variety will not be sold for 50c. This offer applies only to varieties listed under "Odd Lots."

AVALON (Broomall 80E), **FD**, **Bloom 7 x 3**, **Bush 5 ft.** Color, clear canary yellow. Centers full. Long, erect stems under normal culture. .25

BETTY COLTER (Success 80E), **ID**, **Bloom 8 x 3**, **Bush 4 ft.** Salmon red and rose. Flowers nicely formed on good stems. \$1.00

CLANSMAN (Diggle 82C), **Bloom 7 x 3**, **Bush 4 1/2 ft.** Blooms early and profusely on good stems. Color, scarlet orange brightened with a golden sheen. .25

J. D. TORBERT (Eastman 82E), **ID**, **Bloom 8 x 4 1/2**, **Bush 6 ft.** This fine variety will produce a quantity of medium-sized blooms on long, wiry stems, making it admirable for garden or for cut flowers. Color, a combination of salmon apricot with flame and gold shadings. A. D. S. Certificate, 1930. .50

KALIF (G. & K. 83E), **S-C**, **Bloom 8 x 4**, **Bush 5 ft.** Color, rich strawberry red or carmine. An old favorite and good for cutting. Flowers are held on strong stems. .35

MR. CROWLEY (Broomall 77), **Bloom 6 1/2 x 3**, **Bush 4 1/2 ft.** A bright colored garden dahlia of glowing salmon pink with base of petals yellow. Although a compact grower, good stems can be produced by disbudding. .25

MRS. KENYON (Harding 82E), **ID**, **Bloom 9 x 4**, **Bush 4 1/2 ft.** A dahlia you will be pleased with, as it is a rich salmon to peach pink, shading to

orchid at the tips. It is a strong, healthy grower with leathery foliage. Flowers held facing partially upward on strong stems. .50

NEUER GRIFF (83C), **C**, **Bloom 5 x 2 1/2**, **Bush 4 1/2 ft.** This variety comes close to being a miniature if grown rather poor and not disbudded. Stems are stiff, bush robust and produces just dozens of blooms. A fine little dahlia of violet rose shaded mauve. .50

ROBERT E. LEE (Peacock 83E), **ID**, **Bloom 8 1/2 x 4**, **Bush 5 ft.** A rich red that does not fade is decidedly uncommon, and that is what attracts you to this dahlia, along with its good form, erect stems, and free-blooming habits. To get stems for cutting, follow Drawing Y. .50

ROBERT SCOTT (Brock 80E), **FD**, **Bloom 8 x 3 1/2**, **Bush 5 ft.** This fine dahlia is of a bright apricot yellow with shades of rose. Flowers are large and deep, of good form, on excellent stems. The bush is of stocky growth. .35

ROBT. TREAT (Muehler 80E), **FD**, **Bloom 9 x 4**, **Bush 5 1/2 ft.** This dahlia is similar in color to the American Beauty Rose. Plants are strong, healthy growers of spreading habit. Flowers produced freely on long, erect stems. .50

SEAL'S CALIFORNIAN (Seal 82E), **FD**, **Bloom 9 1/2 x 5**, **Bush 3 1/2 ft.** Broad petals are beautifully formed. Bright golden yellow at center, shading lighter toward outer petals; tips are suffused very lightly with soft pink. Stems strong and erect. .50

TARRYTOWN (McDonald 83E), **ID**, **Bloom 10 x 4**, **Bush 5 ft.** Deep gold with mauve and bronze shadings, of rather loose, irregular formation with broad, heavy petals. Stems strong and erect. .75

CANADIAN CUSTOMERS

Please obtain your special permit from Secretary, Department of Agriculture, Ottawa, Ont., when ordering dahlias, as we must have the permit mentioned before we can ship your order. This catalog will be mailed free to customers in Canada. Catalog requests should be accompanied by 25 cents. Canadian postage stamps accepted.



GUARANTEE

All dahlia roots and plants are guaranteed healthy and true to name to the extent of replacement with true stock. Roots that fail to start in three weeks will be replaced upon their return. POTASH FED DAHLIAS give such universal satisfaction that we guarantee this year's Dahliadel Introductions to prove entirely satisfactory to the extent of replacement with the same variety or one of any other of equal value from the following season's catalog. Satisfaction and safe delivery guaranteed.

NOTICE ON GREEN PLANT SHIPMENTS. Plants will be shipped from April 15th to July 15th, but cannot be sent C. O. D., as this causes delay. When roots and plants are ordered together, roots will be held and shipped with the plants unless otherwise specified. 25 cents must be included with all plant orders to cover special delivery except where there is no special delivery service at post office of destination; in which case, send 15 cents for special handling. We pay all regular postage. We do not guarantee safe delivery unless plants are shipped as above.

GREEN PLANTS

Dahliadel plants are sprouts or cuttings taken from stock of named varieties, grown in specially built greenhouses rooted in sand benches in a propagation house, potted and grown inside until established, then moved to cold frames for hardening off, ready for shipping and field planting.

The popularity of Dahliadel green plants is growing fast, and we suggest that you give them a trial on your next order if you are buying the higher-priced varieties, as plants are one-half root price in most cases. Green plants, when properly grown from healthy stock, give equal or better blooms, than from roots, and most varieties make a nice clump. The way the plant is grown has a lot to do with root production, but we believe by following our cultural instructions you will have roots as well as blooms.

Dahliadel green plants are properly grown and hardened for shipment and in our specially designed shipping box have been successfully sent all over the United States.

DAHLIADEL COLLECTIONS

POSITIVELY NO CHANGES IN COLLECTIONS

COLLECTION A—SIX POMPONS

Value \$1.50

ROOTS \$1.00

Bob White
Eureka
Little Edith

Mike
Sunny Daybreak
Yellow Gem

COLLECTION B—SIX GIANT DAHLIAS

Value \$2.45

ROOTS \$1.00

Avalon
Cream of the Garden
Elite Glory

Jersey's Beacon
Margaret W. Wilson
Kentucky

COLLECTION BS—BEGINNERS' SURPRISE

Value \$6.00 to \$8.00

ROOTS \$2.00

12 named roots tagged, all different. A good assortment of colors and types. Large flowering varieties only. This collection gains in popularity each year as finer varieties are used in it.

COLLECTION C—SIX CUT FLOWER DAHLIAS

Varieties suitable for florist's use, cutting, cemetery and arrangements.

Value \$3.45

ROOTS \$2.00

Cossack (1936 Introduction) Grace
Dorothy Duke Jersey's Beauty
Francis Larocco Mr. C. H. Dresselhuys

COLLECTION D—EIGHT EXHIBITION

DAHLIAS. ROOTS \$2.00

Value \$4.00

Bagdad
Dorothy Stone
Jim Moore
Josephine G.

Kemp's Violet Wonder
Old Hickory
The World
W. H. T.

COLLECTION E—EIGHT BLUE RIBBON

DAHLIAS. ROOTS \$4.50

Value \$8.00

Andrea Ericson
Girl of Hillcrest
Kathleen Norris
Kentucky Red

Mary Ellen
Monmouth Champion
Myra Howard
The Commodore

COLLECTION F—SIX PRIZE DAHLIAS

Value \$12.50

ROOTS \$7.50

Alice in Wonderland
Elite Sport
Maryland Glory

Palo Alto
Pot O'Gold
Sanhican's Cameo

COLLECTION G—FOUR WONDERFUL DAHLIAS

Value \$17.00

ROOTS \$10.00

Arela Lloyd
Dahliadel Gold

Lord of Autumn
Robert Emmet

PLANT COLLECTIONS

COLLECTION H—EIGHT BLUE RIBBON

DAHLIAS PLANTS \$2.50

Value \$4.25

Andrea Ericson
Girl of Hillcrest
Kathleen Norris
Kentucky Red

Mary Ellen
Monmouth Champion
Myra Howard
The Commodore

COLLECTION I—SIX PRIZE DAHLIAS

Value \$6.25

PLANTS \$4.00

Alice in Wonderland
Elite Sport
Maryland Glory

Palo Alto
Pot O'Gold
Sanhican's Cameo

COLLECTION J—FOUR WONDERFUL DAHLIAS

Value \$8.50

PLANTS \$5.00

Arela Lloyd
Dahliadel Gold

Lord of Autumn
Robert Emmet

INDEX

ABBREVIATIONS USED IN INDEX.—A—Anemone. B—Ball. Coll—Collarette. C—Cactus, Incurved or Straight. S-C—Semi-Cactus. Du—Duplex. FD—Formal Decorative. ID—Informal Decorative. M—Miniature. P—Peony. Pom—Pompon. S—Single. O—Orchid Flowering.

NOTICE. The key letter just ahead of the price is our recommendation of the system to use in topping and disbudding for each variety listed. Drawings and explanation will be found on pages 24 and 25.

| Page | | Roots | Plants | Page | | Roots | Plants |
|------|-----------------------------------|--------|--------|------|---------------------------------------|--------|--------|
| 17 | Achievement—ID.....X | \$1.00 | \$0.50 | 42 | Fragrance—S.....X | \$.35 | ..50 |
| 42 | Ada Finch—A.....V | ..50 | | 33 | Francis Larocca—FD.....X | ..35 | ..50 |
| 18 | Adirondack Sunset—ID.....X | 2.50 | | 42 | Frank Harris—Coll.....X | ..50 | ..50 |
| 10 | Aiko—S-C.....X | 1.50 | .75 | 8 | Frau Ida Mansfield—C.....X | 1.00 | ..50 |
| 14 | Alice in Wonderland—ID.....X | 2.00 | 1.00 | 10 | Frau O. Bracht—S-C.....X | 1.50 | .75 |
| 15 | Alice Stellick—ID.....X | .75 | .50 | | Frazier—FD.....X | ..50 | ..50 |
| 10 | Alice Whittier—S-C.....X | .50 | | 30 | Fred Springer—FD.....X | .75 | ..50 |
| 30 | Allen A—FD.....X | 2.00 | 1.00 | | Friedensengel—C.....X | .75 | ..50 |
| | Altamont—ID.....X | .35 | | 18 | Full Moon—ID.....X—Z | 2.00 | 1.00 |
| 9 | Ambassador—St. C.....X | .50 | .50 | 8 | F. W. Fellows—C.....Z | .75 | ..50 |
| 12 | Amelia Earhart—S-C.....X | 5.00 | 2.50 | 42 | Garnet Poinsettia—S.....V | .25 | ..50 |
| 16 | American Legion—ID.....X | 2.00 | 1.00 | 21 | Girl of Hillcrest—ID.....X | 1.00 | ..50 |
| 8 | American Triumph—IC.....X | .50 | | | Glory of Monmouth—FD.....X | .50 | ..50 |
| | America's Sweetheart—ID.....X | | 5.00 | 12 | Golden Age—S-C.....X | 2.50 | ..50 |
| 14 | Andrea Ericson—ID.....X | 1.00 | .50 | | Golden Eclipse—FD.....X | 2.00 | 1.00 |
| 20 | Anna Benedict—ID.....X | 5.00 | 2.50 | 4 | Golden Prince—ID.....X | 5.00 | ..50 |
| 15 | Arela Lloyd—ID.....X | 4.00 | 2.00 | 9 | Golden Sonne—St. C.....X | .50 | ..50 |
| 42 | Autumn Century—S.....V | .25 | | 9 | Golden Standard—C.....X | 5.00 | 2.50 |
| 17 | Aztec Glory—ID.....X | .75 | .50 | 17 | Good Night—ID.....X | .75 | ..50 |
| 15 | Bagdad—ID.....X | .50 | | 10 | Good Will—S-C.....X | 3.00 | 1.50 |
| 29 | Ballego's Glory—FD.....X | .75 | .50 | 13 | Gov. Morgan F. Larson—S-C or ID.....X | .50 | ..50 |
| 2 | Ballego's Surprise—S-C.....X | | 5.00 | 30 | Grace—FD.....X | .50 | ..50 |
| 8 | Ballet Girl—C.....Z | .50 | | 13 | Grace Curling—ID.....X | .75 | ..50 |
| 8 | Berger's Jewel—St. C.....X | | 2.50 | 33 | Graf Zeppelin—FD.....X | .50 | ..50 |
| | Bette Davis—S-C.....X | | 2.50 | | Grantee—ID.....X | 1.25 | ..50 |
| 18 | Bosphorus—ID.....Y | 7.50 | 3.75 | | Great Harbor—ID.....X | 1.00 | ..50 |
| | Bubbles of Hillcrest—ID.....Z | 3.00 | | 2 | Gretel—St. C.....X | 2.50 | ..50 |
| 30 | Buckeye Bride—FD.....X | | .50 | 21 | Harriet Hoxter—ID.....X | .75 | ..50 |
| 9 | California Beauty—C.....X | .50 | .50 | 33 | Harry Mayer—FD.....X | .35 | ..50 |
| 16 | California Idol—ID.....X | | 5.00 | | Helen S. Fraser—FD.....X | 5.00 | 2.50 |
| 16 | California Rose—ID.....X | 7.50 | 3.75 | | Hollywood—C.....X | .50 | ..50 |
| | Cardinalis—FD.....X | | .50 | | Hillcrest Nugget—ID.....X | 3.75 | ..50 |
| 10 | Carla—S-C.....X | 1.00 | .50 | | Honor Bright—FD.....X | 1.50 | ..50 |
| 37 | Carolyn Ball—B.....X | 1.00 | .50 | 17 | H. R. S.—ID.....X | 3.00 | 1.50 |
| 30 | Casper G. Ware—FD.....Y | .35 | | 16 | Hunt's Velvet Wonder—ID.....X | 7.50 | 3.75 |
| 30 | Cavalcade—FD.....X | 5.00 | 2.50 | 29 | Ida Perkins—FD.....X | .50 | ..50 |
| 2 | Challenger—S-C.....X | 5.00 | 2.50 | | Imperial Pink—ID.....X | .75 | ..50 |
| 18 | Champoege—ID.....X | 1.00 | .50 | 21 | Indiana Moon—ID.....X | .50 | ..50 |
| 4 | Charmer—ID.....X—Z | 10.00 | 5.00 | 21 | Iroquois Sunbeam—ID.....X | 4.00 | 2.00 |
| | Chas. Stratton—ID.....X | .50 | | 30 | Jack's Bean Stalk—FD.....X | 1.00 | .50 |
| 34 | Chautauqua Sunset—FD.....Y | 3.00 | 1.50 | | James Kirby—ID.....X | 1.00 | ..50 |
| 33 | Chick—FD.....X | .50 | | 42 | James Weller—S.....V | .35 | ..50 |
| | Chinese Lantern—ID.....X | 5.00 | 2.50 | 15 | Jane Cowl—ID.....X—Z | .50 | ..50 |
| 21 | City of Cleveland—ID.....X | 5.00 | 2.50 | 33 | Jane Dixon—FD.....X | 2.00 | 1.00 |
| 21 | City of Trenton—ID.....X | .50 | .50 | 33 | Jane Hall—FD.....X | .25 | ..50 |
| 16 | Clara Barton—ID.....X | 2.50 | 1.25 | | Janet Southwick—ID.....X | 1.00 | .50 |
| 4 | Clara Carder—ID.....X | | 5.00 | 37 | Jayseedee—B.....Y | .75 | .50 |
| 13 | Color Sergeant—S-C or ID.....X | .50 | | | Jean Kerr—FD.....X | .25 | ..50 |
| 15 | Congressman Wolverton—ID.....X | .50 | | 10 | Jean Trimbee—S-C.....X | 1.50 | .75 |
| 8 | Conservatrix—IC.....X | | .50 | 34 | Jersey's Beacon—FD.....X | .35 | ..50 |
| 11 | Corallina—S-C.....X | | 1.50 | 30 | Jersey's Beauty—FD.....X | .35 | .35 |
| 4 | Cossack.....X | 1.00 | | 9 | Jersey's Dainty—St. C.....X | 2.50 | 1.25 |
| 15 | Cream of the Garden—ID.....X | .50 | | 19 | Jersey's Daybreak—ID.....X | .75 | .50 |
| 28 | Dahlidel Gold—FD.....X | 5.00 | 2.50 | 21 | Jersey's Majestic—ID.....X | 2.00 | 1.00 |
| 10 | Daisy Turnquist—S-C.....X | 3.50 | 2.00 | | Jersey's Melody—S-C.....X | .50 | ..50 |
| 32 | Democracy—FD.....X | 5.00 | 2.50 | | Jersey's Sweetheart—S-C or ID.....X | .35 | ..50 |
| 19 | Derrill W. Hart—ID.....X | .50 | | | Jersey's Triumph—FD.....X | .50 | ..50 |
| 17 | Dixie Ravenscroft—ID or S-C.....X | 2.00 | 1.00 | 16 | Jessie Crawford—ID.....X | 5.00 | 2.50 |
| 14 | Dokoupil's Triumph—ID.....X | 2.50 | 1.25 | 12 | Jessica Dragonette—S-C.....X | 2.50 | ..50 |
| 12 | Dorcas Ann—S-C.....X | 5.00 | 2.50 | 13 | Jim Moore—S-C or ID.....X | .50 | .50 |
| 42 | Doris—S.....V | .25 | | 13 | Josephine G.—S-C or ID.....X | .50 | .50 |
| 15 | Dorothy Duke—ID.....X | 1.00 | | 18 | Judge Samuel Seabury—ID.....X | 3.75 | ..50 |
| 21 | Dorothy Stone—ID.....X | .50 | | 9 | Jugendpracht—St. C.....X | .75 | .50 |
| 37 | Draude—B.....Y | .25 | | 8 | Kareol—IC.....X | .75 | .50 |
| 33 | Dr. John Carman—FD.....X | .50 | .50 | 10 | Karl Bonawitz—S-C.....X | 1.00 | .50 |
| 21 | Dwight W. Morrow—ID.....X—Y | 1.50 | .75 | 29 | Katherine Cole—FD.....X | .50 | ..50 |
| 19 | Eagle Rock Beauty—ID.....X | .50 | | 21 | Kathleen Norris—ID.....X | .75 | .50 |
| 16 | Eagle Rock Fantasy—ID.....X | 1.50 | .75 | 11 | Kay Francis—S-C.....X | 5.00 | 2.50 |
| 14 | Early Yellow—ID or S-C.....X | .35 | | 21 | Kemp's Violet Wonder—ID.....X | .50 | .50 |
| 34 | Eastern Star—FD.....Z | .50 | | 30 | Kentucky—FD.....X | .50 | .35 |
| 19 | Edith A. Lehman—ID.....X | | 5.00 | 15 | Kentucky Red—ID.....X | 1.00 | .50 |
| 12 | Edna Ferber—S-C.....X | .75 | .50 | 18 | King Midas—ID.....X | .75 | .50 |
| 34 | Edward T. Rindfleisch—FD.....Z | 1.50 | .75 | | Kitty Mac—ID.....X | 5.00 | ..50 |
| 15 | Elinor M. Radell—ID.....X | 2.00 | 1.00 | 15 | Lady Lyndora—ID.....X—Y | .50 | ..50 |
| 30 | Elite Glory—FD.....X | .50 | | 19 | Lady Moyra Ponsonby—ID.....X | 2.00 | 1.00 |
| 30 | Elite Sport—FD.....X | 2.00 | 1.00 | 17 | La Fiesta—ID.....X | 2.00 | 1.00 |
| 19 | Eliza London Shepard—ID.....Z | .50 | | 8 | Lilac Glory—IC.....X | .75 | .50 |
| | Ella Bruidegom—S-C.....X | | .50 | 14 | Lincoln G. Dickey—S-C or ID.....X | .50 | ..50 |
| 9 | Ella May—C.....X | .50 | | 42 | Lois—S.....V | .50 | ..50 |
| 33 | Emanuel's Beauty—FD.....X | .50 | .50 | 17 | Lord of Autumn—ID.....X | 5.00 | 2.50 |
| 13 | Emma Marie—S-C or ID.....X | .35 | | 13 | Mabel S. Douglass—S-C or ID.....X | .75 | .50 |
| 42 | Erica—Coll.....V | .75 | .50 | 19 | Man O'War—ID.....X | 3.50 | 1.75 |
| 21 | Eva Hunt—ID.....X | | 1.25 | 21 | Margaret W. Wilson—ID.....X | .35 | ..50 |
| 42 | Fille—Coll.....V | | .50 | 4 | Margrace—ID.....X | 5.00 | ..50 |
| 15 | Fordhook Emperor—ID.....X | .35 | | 12 | Marian Broomall—S-C.....X | .50 | ..50 |
| | Forest Fire—ID.....Y | 5.00 | 2.50 | 11 | Marianna—S-C.....X | 3.00 | 1.50 |
| 14 | Fort Monmouth—ID.....X | .50 | .50 | 12 | Mariposa—S-C.....X | .50 | .50 |
| 29 | Fort Washington—FD.....Z | .50 | .50 | 16 | Marmion—ID.....X | .50 | ..50 |

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|------|-----------------------------------|-------|--------|-------------------|-----------------------------|-------|--------|
| 29 | Mary Ellen—FD | X—Z | \$1.00 | 42 | Sofa—Coll. | V | \$.50 |
| 37 | Mary Helen—B. | X | .75 | | Sonny Boy—ID | X | 1.25 |
| 33 | Maryland Glory—FD | X | 1.50 | 8 | Sport—C | X | .50 |
| | Maryland Orange—S-C | X | .75 | 13 | Star of Bethlehem—ID or S-C | X | .75 |
| 14 | Mastodon—ID | X | 1.50 | 18 | Strongheart—ID | X | 1.50 |
| 29 | Meadowbrook—FD | X | 1.00 | 29 | Sultan of Hillcrest—FD | Y | 4.00 |
| 4 | Mid West Champion—ID | X | 10.00 | 37 | Supt. Amrhyh—B. | X | .50 |
| 4 | Milton J. Cross—ID | X | 7.50 | 42 | Tango—S | V | .25 |
| 11 | Minnie Eastman—S-C | X | .50 | 18 | The Commodore—ID | Y | 1.00 |
| 5 | Minnora—ID | X | 5.00 | | The Fireman—ID | X | 1.00 |
| 2 | Miriam Hopkins—S-C | X | 5.00 | 19 | The Lemonade—ID | X | .50 |
| 9 | Miss Belgium—St. C. | X | .50 | 5 | The Universe—ID | X | 5.00 |
| 11 | Miss Elsie Jane—S-C | X | 3.00 | 37 | The U. S. A.—P | X | .50 |
| 2 | Miss Glory—S-C | X | 7.50 | 31 | The World—FD | X | .50 |
| 42 | Mitzi—Coll | V | 1.00 | 29 | Thos. A. Edison—FD | X | .75 |
| 33 | Mona Gold—ID | X | 5.00 | 3 | Treasure Chest—S-C | X | 5.00 |
| 29 | Monmouth Champion—FD | X | .75 | 33 | Treasure Island—FD | Y | .75 |
| 18 | Monmouth Queen—ID | X | 5.00 | 17 | Waldheim Sunshine—ID | X | 1.00 |
| 29 | Mr. C. H. Dresselhuys—FD | X | .25 | 9 | Warren Church—St. C. | X | 1.50 |
| | Mrs. Alfred B. Seal—ID | X | .50 | | Watchung Wonder—ID | Z | 1.00 |
| 5 | Mrs. Alfred T. Bunyard—FD | X | 2.50 | | Wenoka—FD | X | 10.00 |
| 9 | Mrs. Bruce Collins—St. C. | X | 5.00 | 5 | White Abundance—ID | X | 2.50 |
| 37 | Mrs. C. D. Anderson—B. | X | .50 | 18 | White Duchess—ID | Y | 1.50 |
| 37 | Mrs. Frances E. Bullard—P | X | .50 | 18 | White Empress—ID | X | .50 |
| 21 | Mrs. George Le Boutillier—ID | X | 5.00 | 5 | White Prolific—FD | X | 2.00 |
| 2 | Mrs. Herbert O'Conor—IC or St. C. | X | 10.00 | 14 | White Wonder—ID | X | 1.50 |
| 29 | Mrs. I. de Ver Warner—FD | X | .25 | 33 | W. H. T.—FD | X | .50 |
| 19 | Murphy's Masterpiece—ID | X | 2.50 | 18 | World's Best White—ID | X | .75 |
| 17 | Myra Howard—ID | X | 1.50 | | Yellow Bird—S | V | .50 |
| | New Deal—ID | X | 2.50 | MINIATURE DAHLIAS | | | |
| 14 | New Glory—S-C or ID | X | .50 | 41 | Agalia—M ID | V | .75 |
| 42 | Newport Wonder—S | V | .35 | 40 | Baby Beauty—M FD | V | 1.00 |
| 19 | North's Yellow—ID | X | .75 | 41 | Baby Bunting—M ID | V | .50 |
| 30 | Old Hickory—FD | X | .50 | 40 | Baby Royal—M S-C or M P | V | 1.00 |
| 34 | Omar Khayyam—FD | X | .75 | 39 | Bishop of Landaff—M Du | V | .50 |
| 5 | Orchid Moonlight—FD | X | 10.00 | 40 | Bluebird—M FD | V | .50 |
| 11 | Oriental Beauty—S-C | X | .50 | 6 | Buckeye Baby—M FD | V | 2.00 |
| | Oriental Glory—ID | X | 3.00 | 40 | Camellia—M FD | V | .50 |
| 13 | Orinda—FD | X | 1.50 | 6 | Cerise Gem—M S-C | V | 1.00 |
| 12 | Panhandle Pink—S-C | X | 2.00 | 6 | Chard's Vanity—M C | V | 1.50 |
| | Pastel Glow—ID | X | 1.50 | | Cheal's Pink—M Du | V | .50 |
| 11 | Paul Pfitzer—S-C | X | 2.00 | 40 | Comrade—M C | V | .50 |
| 19 | Penn Charter—ID | X | .50 | 40 | Coronne—M FD | V | .50 |
| 42 | Pequot Yellow—S | V | .50 | 40 | Dahliad Joy—M C | V | 1.50 |
| 33 | Phantom—ID | X | 1.50 | | Dr. Helmuth Spat—M C | V | .50 |
| 8 | Pink Spiral—IC | X | 2.50 | 6 | Dorothy Brant Miller—M FD | V | 1.00 |
| 19 | Poesie Moravy—ID | X | 1.50 | 40 | Fairy—M FD | V | 1.00 |
| 18 | Pot O'Gold—ID | Y | 2.00 | 40 | Gaillard—M C | V | .50 |
| 2 | Pride of America—S-C | X | 15.00 | 40 | Goldina—M FD | V | .50 |
| 21 | Prince of Persia—ID | X | 1.00 | 41 | Jean—M S-C or ID | V | 1.00 |
| 5 | Queen City—FD | X | 7.50 | 40 | Jerry—M FD | V | .50 |
| 29 | Queen of Garden the Beautiful—FD | X | .75 | 40 | Kentucky Babe—M FD | V | 1.00 |
| 21 | Rajah—ID | X | 2.50 | 40 | Kitty Bellair—M S-C | V | .75 |
| 15 | Ray Warner—ID | X | 2.00 | 39 | Lillian Courtney—Page—M P | V | .75 |
| 3 | Red Jug—IC | X | 10.00 | 6 | Little Dream—M C | V | .75 |
| | Renate Muller—C | X | .75 | 41 | Little Jewel—M FD | V | .35 |
| 8 | Rheinischer Frohsinn—C | X | .50 | 41 | Little Nemo—M FD | V | 2.00 |
| 19 | Robert Emmet—ID | X | 3.00 | 39 | Mercki—M S | V | .35 |
| 29 | Rockley Moon—FD | X | 2.50 | 41 | Mirth—M FD | V | 1.50 |
| 11 | Royal Dutch—ID | X | 1.50 | 39 | Muriel—M D | V | .50 |
| 15 | Royal White—ID | X | 1.00 | 41 | Nesthakchen—M S-C | V | .50 |
| 16 | Ruby Tait—ID | X | 1.50 | 6 | Orchid Lady—M | V | 1.00 |
| 5 | Rudolf's Giant—ID | X | 7.50 | 41 | Paddy—M FD | V | .50 |
| 11 | Rudy Vallee—S-C | X | 1.00 | 6 | Peach Blush—M FD | V | 1.00 |
| 29 | Sagamore—FD | X | .35 | 6 | Pink Daisy—M Du | V | 1.00 |
| 31 | Salem Pride—FD | X | .50 | 39 | Pink Pearl—M P | V | 1.00 |
| 42 | Sambo—S | V | .50 | 39 | Raider—M P | V | .50 |
| 18 | Sanhican's Bluebird—ID | X | .35 | 41 | Rapture—M ID | V | 1.50 |
| 33 | Sanhican's Cameo—FD | X | 2.00 | 41 | Red Head—M FD | V | .50 |
| 34 | Sanhican's Lavender—FD | X | 1.00 | 39 | Rhoda—M Du | V | .50 |
| | Sanhican's Queen—ID | X | .50 | 7 | Rose Beauty—M FD | V | 1.00 |
| 11 | Satan—S-C | X | 2.00 | 40 | Sanhican's Sweetheart—M S-C | V | .75 |
| 42 | Scarlet Century—S | V | .35 | 41 | Skippy—M FD | V | .50 |
| 15 | Shahrazad—ID | X | 1.00 | 41 | Teddy Johnson—M FD | V | .35 |
| 12 | Siskiyou—S-C or ID | X | .50 | 39 | Tiny—M P | V | 1.00 |
| 29 | Snowcap—FD | X | .75 | 41 | Tricolor—M FD | V | .50 |
| 31 | Snowdrift—FD | X | .35 | | | | |

SEE ADDITIONAL VARIETIES, ODD LOTS, PAGE 44. POMPON DAHLIAS, PAGES 7, 43—V. ORCHID FLOWERING DAHLIAS, PAGE 38—V.

TERMS AND DELIVERY

Orders will be filled with strong, field-grown root divisions unless green plants are specified. We will notify you if unable to supply any variety, as we do not substitute. Note our Quantity Discounts on Page 1.

Shipments to sections where plantings are at a different time will be made accordingly.

CASH WITH ORDER. Stamps accepted up to \$3.00; above that amount, check, money order or cash by registered mail. Roots will be sent April 15th to June 15th by parcel post prepaid, unless shipment is C. O. D., in which case the customer pays the C. O. D. charges.

WARNING. Do not send cash by mail unless you have it registered.

DAHLIADEL NURSERIES

PHONE 1051

VINELAND, N. J.



DAHLIA GROWERS' SUPPLIES

DAHLIADEL PLANT FOOD—Made especially for dahlias, of the highest grade materials, for the production of fine flowers and strong roots, and so blended to have a balanced food available as needed by the plant. Good also for all outdoor flowers and vegetables. A very economical fertilizer.

Directions: Spring application, 3 to 6 lbs. to each 100 square feet. August application, 3 to 4 lbs. This may be divided into three applications, but not over 10 lbs. to ten hills should be applied during a season.

Price, F. O. B. factory in Philadelphia, 50 lbs., \$2.75; 100 lbs., \$5.00; 200 lbs., \$9.00; ton, \$75.00.

Our brand is registered in New Jersey only, and we cannot make shipments into any other states in quantity but small parcel post shipments can be made at the same prices as Potash.

POTASH MURIATE. To use in making up your own mixture. Four lbs. postpaid up to 4th zone, 55c; add 10c for each zone beyond 4th. Eight lbs. for \$1.00 postpaid up to 4th zone; add 20c for each zone beyond 4th. Potash Sulphate can be supplied at the same prices as Muriate.

DAHLIADEL DIP. A mixture of Sulphur and Air Floated Gypsum, in suitable box for storage and dipping cut portions of dahlia roots when dividing. 1 3/4 lbs. for 30c; 4 1/2 lbs. for 55c, postpaid up to 4th zone; add 10c for each zone beyond 4th.



IMPORTED PRUNING SHEARS, 8 3/4 inches. Double cutting blades make them especially desirable for dividing and trimming dahlia clumps. We have used these shears for years. Suitable for general pruning as well. Postpaid, \$1.00.

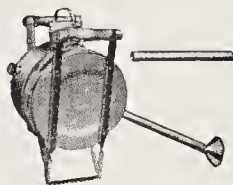
PYRETHRUM SOAP. A non-poisonous insecticide effective on all insect life and not injurious to animals or plants. Will not burn foliage or buds. A desirable spray for thrips, leaf-hoppers or aphids. According to reports this product is very satisfactory when used with Black Leaf Forty. Four ounces make 4 to 5 gallons of spray. Postpaid, including the 4th zone, 4 oz., 50c; quart, \$1.75; gallon, \$6.00.

BLACK LEAF FORTY. A concentrated nicotine solution for aphid, thrips, and red spider. Oz., 40c; 5 ozs., \$1.10; lb., \$2.40. Postpaid.



An effective, non-poisonous solution that is deadly to all insects. Will not burn, blight, nor stain the most tender foliage. Recommended to check such insects as caterpillars, cucumber beetles, thrips, aphids, rose slug, leaf-hoppers, aster beetles, cutworms, wire worms, root lice, Japanese beetles, white flies, etc. Dilute with 200 to 800 parts of water. Full instructions with every bottle. 1 oz. glass, 35c; 4 oz. glass, \$1.10; 1 pt. tin, \$2.65; qt., \$4.00. Postpaid, including 4th zone.

DAHLIADEL NICOTINE DUST (3% nicotine). We can ship only in New Jersey due to Federal restrictions. 4 1/2 lbs., \$1.35; 10 lbs., \$2.60; 25 lbs., \$5.75, by express, collect. By P. P., prepaid, 4 1/2 lbs., \$1.50.



PLATZ GREEN HAND DUSTER. Capacity 2 to 4 lbs. This duster is so light and easy to operate that it is a real pleasure to use it. Equipped with a 30-in. extension and spreader for dusting from above or below. Postpaid, including the 4th zone, \$7.25; add 10c for each zone beyond the 4th.

TREE LABELS. Painted wood labels, 5/8 x 3 1/2 inches, copper wired. 60c per 100; \$3.50 per 1,000, postpaid.

TREE LABELS. Plain (not painted) as above. 50c per 100; \$3.00 per 1,000, postpaid.

PLANT LABELS. Painted wood, 5/8 x 10 inches, 85c per 100, \$1.70 per 250; \$6.50 per 1,000, postpaid.

PLANT LABELS. Plain (not painted) as above. 75c per 100; \$1.50 per 250; \$5.50 per 1,000, postpaid.

DAHLIA STAKES. White cedar pointed, 1 inch square, 4 ft. long, as they come from the saw. These stakes, not being real smooth, hold the twine from slipping with just one wrap, and are strong enough in ordinary culture. Bundle of 25, \$1.50; per 100, \$5.00, F. O. B. Vineland.

DAHLIA STAKES. White cedar pointed, 1 1/4 ins. square, 6 ft. long, planed on 2 sides. Suitable for gardens where dahlias are grown tall. Bundle of 25, \$3.00; per 100, \$10.00; F. O. B. Vineland. Five-foot stakes can be supplied at 10 per cent less than above price.

MODERN DAHLIA CULTURE—By W. H. Waite. Written to meet the needs of the novice and to interest the expert. 126 pages of clear type, well illustrated. Cloth binding. The best book to date. \$1.60 postpaid.

DAHLIADEL COLOR GUIDE in the making. For show table and trial patch judging a guide and record book was designed by the author of this catalog, and although it is not in production in any quantity, we will endeavor to fill a few orders (to get the reaction and criticism of our customers). It contains 47 serviceable colors, all found in dahlias, which are arranged for the show table and ease in locating them. In loose leaf binder with 75 Dahliadel record sheets. Postpaid, \$3.50.

A. D. S. OFFICIAL SCORE SHEETS. The same as those used in 1934 at Storrs, Conn., and East Lansing, Mich. Size 6 3/8 x 4" suitable for scoring and making complete records of all dahlias, whether large or small, in the garden or in the show room. 100 Sheets punched, postpaid, .50 250 Sheets punched, postpaid, \$1.00

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